Lancaster Farming

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Soil Stewardship Week begins Sunday

Being a steward of the soil amidst the wide expanse of the land you work can often be a lonely task. But on the tractor seat with just the hum of the engine to keep you company, are you really entirely alone? Today's Lancaster Farming honors such stewards and their work. Numerous conservation stories and photo features, such as on A-22, are found throughout the issue.

DER ok's 2nd Knouse grant

HARRISBURG — A second $300,000 grant has been approved by the Pennsylvania Department of Environmental Resources for the apple recycling project at the Knouse Food Cooperative at Peach Glen in Adams County.

The initial DER grant of $300,000 was made to the Adams County Commissioners for use in the project in January, 1980.

The additional grant is being offered for the Knouse project, according to DER Secretary Clifford L. Jones, because costs of the project have escalated due to inflation and additional safety measures, air pollution controls and insurance.

The grants, now totaling $600,000, would be used in the second phase of the project to convert apple pomace into useable energy, which is expected to reduce fossil fuel use at the Ortanna Food Processing Plant in Franklin Township by up to 90 percent.

This second phase of the three-step pilot project involves the drying of apple pomace or other wastes so that they can be burned to produce gas to run the plant's generator.

Knouse Foods financed the initial phase of the project which

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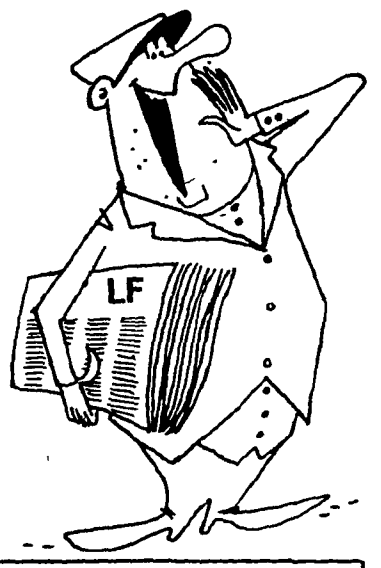
"Extra! Extra! Dairy cows make headlines!"



LANCASTER — That's right. In two weeks, dairy cows, dairy producers and dairy delights will hit the headlines for the best-ever issue of **Lancaster Farming**.

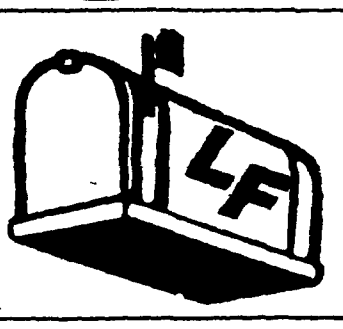
Help us salute June as Dairy Month by sending in your news, ideas, recipes, pictures and enthusiasm. Add your meeting to our Farm Calendar. Cooks, one dairy recipe will be the price for a surprise gift guaranteed to bring a smile. Dairy producers, it's your month so help us celebrate!

So you don't miss out on this special June 6 issue, be sure to send us your news by Monday, June 1. Paid advertising for the issue is also due this date.

Give us a call at 717/394-3047 or 717/626-1164. Or, write **Lancaster Farming**, Box 366, Lititz, Pa, 17543.

Read all about it!!

Inside This Week's...



Two dairymen tell their conservation stories and convictions to soil steward ship ...A24, D10

Some Tennessee Walking Horses just left Lancaster County for a coastal resort in New Hampshire. But they're not going on vacation Read about their unique and interesting duties A26

Youngsters with animals are a photographer's delight But when the Manor FFA took some of their farm livestock to elementary schools this week, it also turned out to be quite an education for both C18

Twenty lucky students receive scholarships from the Lancaster County Farm and Home Foundation totaling $15,000 Read all about these ambitious, dedicated youths . .C24

REGULAR COLUMNS

Editorials, A10; Now is the Time, A10; Joyce Bupp's column, C8; Ladies Have You Heard, C9; Ida's Notebook, C10; Farm Talk, D6; Dairy Pipeline, D15.

DAIRY

Chester DHIA, B7; Iodine in feed, D8; Lancaster DHIA, D14; York DHIA, D18.

HOME AND YOUTH

Homestead Notes, C2; Farm Women Societies, C4; Home On Range, C6; Kid's Korner, C14; 4-H News, C16,17

Enter your favorite dairy photo in contest

LANCASTER — Dust off the old family photo album.

Root through that bureau drawer.

Or grab your instamatic and run to the meadow or barn.

Lancaster Farming is sponsoring a Dairy Month Photo Contest and you could win up to a $50 cash prize.

The contest, which will continue until Friday, June 26, is your opportunity to enter that favorite dairy photo you snapped one day around the farm. Instead of just digging it out each time visitors come calling, send it along to Lancaster Farming.

A total of nine cash prizes, ranging from $20 to $50 each, will be awarded in three categories of competition.

To qualify, the photograph must have dairy livestock in it. It must have been taken by an amateur photographer — anyone who doesn't practice photography in their line of employment. Also, livestock photos taken for you by a professional photographer are ineligible.

The three categories of competition:

Posed — any photo showing people posed with their favorite dairy animal. It could have been taken at a show or around the farm.

Comic or cute — any photo of a dairy animal in a funny situation or one that suggests a humorous caption. Also, cute photos, such as bottle feeding a calf or a barn kitten catching a spray of milk.

Scenic — any photo showing dairy animals against a pretty, natural background, such as your pasture or meadow.

Three cash awards will be made in each of the categories. These include a $50 first prize, a $30

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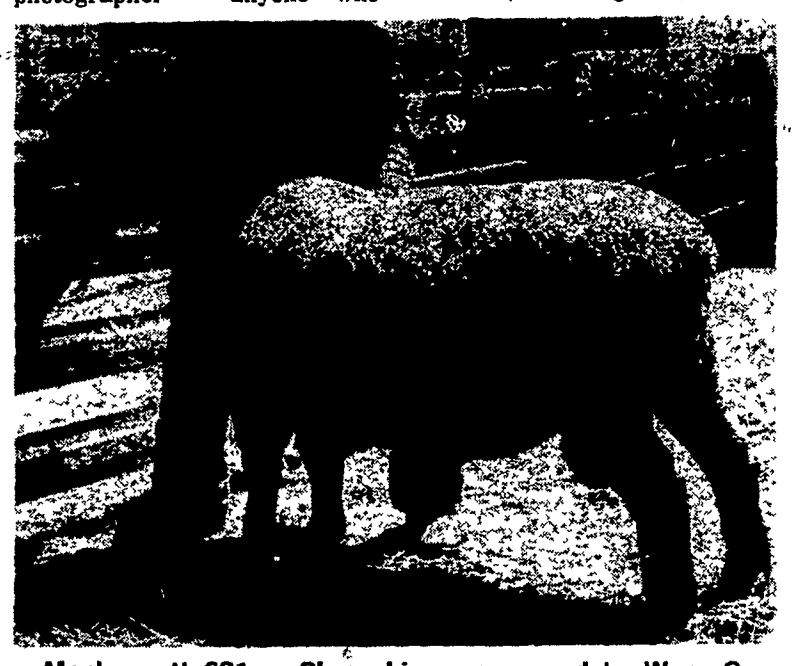

Menhennett 681, a Shropshire ram owned by Warn G. Menhennett, Cochranville, turned in a Penn State Test Station growth record of 1.42 pounds per day. His performance surpassed the previous record set in 1977 by a Hampshire ram.

Shropshire breaks test record

STATE COLLEGE — A Shropshire ram at Penn State's Performance Station has turned in a performance that breaks the center's record. In order to rank in the Number One position, this ram had to out-gain the 221 yearling rams that have been tested at the center since 1977 — the year testing rams began.

The ram, Menhennett 681, belongs to Warn G. Menhennett, Cochranville. This Shropshire ram completed the test with the highest index and the fastest gain for those sheep entered in this year's test. as well as in the center's history. His average daily gain was 1.42 pounds per day.

Menhennett's ram broke the center's record set in 1977 by a Hampshire ram owned by Nevin Zerby. This ram had a gain of 1.36 pounds per day.

The previous high Shropshire gain was set in 1979 by a ram owned by Ted Kirby. It's average daily gain was 1.26 pounds.

Menhennett also had this year's second high indexing Shropshire on test.

The 1981 top indexing Suffolk

(Turn to Page A34)

Livestock market and auction news

Lancaster Market

Monday, May 18
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1333	59	1174	135
Last Monday	1223	64	1338	141
Last Year	1291	98	965	135
Monday's Auction	1381	60	1231	152
Last Monday's Auction	1300	50	1244	141

CATTLE: Compared to last Wednesday slaughter steers steady to .50 lower, instances 1.00 lower; slaughter heifers steady; cows 1.50-2.00 lower; bullocks 1.00-2.00 lower; bulls 2.00-3.00 lower. Supply included 69 per cent slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1375 lb. 64.25-66.10; few Choice 2 1050-1325 lb. 65.50-67.75; Choice 2-4 1000-1350 lb. 62.00-64.25, few 64.25-64.85; high Good and low Choice 2-3 60.00-63.50; Good and Choice 1175-1550 lb. Holsteins 54.50-56.25; few Standard 1-2 52.00-55.00.

SLAUGHER HEIFERS: Choice 2-3 875-1125 lb. 60.50-63.25, few yield grade 2 64.00-65.25; Good 2-3 850-1050 lb. 55.00-60.50.

COWS: Utility and Commercial 1-3 46.50-47.50, few 47.50-48.00; Cutter 1-2 44.00-46.25, few 46.25-46.75; Canner and low Cutter 41.50-44.00.

BULLOCKS: Choice 1050-1300 lb. 54.50-58.00, few 58.00-60.00; Good 1000-1275 lb. 50.00-54.50.

BULLS: Yield grade 1 1300-1950 lb. 53.50-58.50, few 58.50-60.50, couple 61.75-64.25; yield grade 2 1000-1450 lb. 51.00-55.00.

VEAL CALVES: Vealers 5.00-10.00 higher, with one lot Prime special fed fully 10.00 higher. Demand fair for calves returned to farm.

VEALERS: One lot Prime special fed 335 lb. 132.00; Choice 140-290 lb. 110.00-120.00, couple 120.00-126.00; high Good and low Choice 140-250 lb. 85.00-102.00, 120-140 lb. 75.00-90.00, 80-115 lb. 60.00-75.00 few 75.00-80.00.

RETURNED TO FARM: Bulk 85-120 lb. Holstein bulls 90.00-98.00; few 90-120 lb. Holstein heifers 120.00-140.00.

SHEEP: Spring lambs firm to 2.00 higher; slaugher ewes firm to 2.00 higher.

SPRING LAMBS: Choice and Prime 80-100 lb. 77.00-80.00; Good 60-85 lb. 70.00-75.00; few Good and Choice 20-40 lb. 90.00-110.00, couple 110.00-120.00.

SLAUGHTER EWES: Utility and Good 18.00-30.00.

Vintage Livestock

Tuesday, May 19
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1244	544	83
Last Tuesday	1534	482	46
Last Year	1020	469	58

CATTLE: Compared to last Tuesday slaughter steers weak to .50 lower, instances 1.00 lower; slaughter heifers steady; cows mostly steady; bullocks not tested; bulls steady. Supply included 73 per cent slaughter steers and 22 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1470 lb. 65.50-67.25, few 67.25-67.75; Choice 2-3 1075-1300 lb. 66.00-68.75, 18 head Choice 2 and Prime 3 69.00-71.75; Choice 2-4 1025-1350 lb. 62.50-65.50, few 65.50-66.10; Choice 4-5 1200-1450 lb. 57.00-63.00; high Good and low Choice 2-3 59.00-63.50; Good 2-3 56.50-61.50; Good and Choice 1150-1450 lb. Holsteins 55.75-59.00; few Standard 1-2 50.00-54.50.

SLAUGHTER HEIFERS: Choice 2-3 930-1175 lb. 60.00-63.00; few Good 2-3 850-1075 lb. 55.00-58.00.

COWS: Utility and Commercial 1-3 45.00-48.00, several 48.25-49.50; Cutter 1-2 44.00-47.00, few 47.00-48.50; Canner and low Cutter 42.00-45.50.

BULLOCKS: Good 1050-1250 lb. 53.25-55.60, individual Choice 62.75.

BULLS: Yield grade 1 1450-1800 lb. 54.75-58.50, five head 60.50-65.85; yield grade 2 1000-1450 lb. 50.00-53.50.

VEAL CALVES: Vealers 4.00-10.00 higher. Supply included 355 in graded sale of which 71 per cent sold to return to farm.

VEALERS: Few Choice 140-270 lb. 106.00-112.00; high Good and low Choice 130-200 lb. 90.00-104.00, 90-125 lb. 73.00-85.00, 60-85 lb. 62.00-73.00.

RETURNED TO FARM: 50 head 100-115 lb. Holstein heifers 155.00-167.00, 25 head 70-85 lb. 70.00-118.00; 175 head 90-125 lb. Holstein bulls 103.00-111.50.

SHEEP: Spring lambs 3.00-4.00 higher; slaughter ewes firm to 2.00 higher.

SPRING LAMBS: Choice 80-100 lb. 73.00-78.00, 40-60 lb. 77.00-89.00; few Good 35-60 lb. 64.00-72.00.

SLAUGHTER EWES: Utility and Good 18.00-29.00.

Lancaster Auction

Wednesday, May 20
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	761	24	822	20
Last Wednesday	751	27	568	7
Last Year	435	33	1124	20
Wednesday's Auction	739	23	828	1
Last Wednesday's Auction	734	35	641	27

CATTLE: Compared to Monday slaughter steers steady to .50 higher, instances 1.00 higher, most advance on Choice and Prime 1175-1400 lb ; slaughter heifers steady; cows steady; bullocks not tested; bulls steady, instances 1.00 higher on yield grade 1. Supply included 81 per cent slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1165-1400 lb. 64.75-66.75, few lots 67.10-67.60; Choice 2-4 940-1425 lb. 62.75-65.35, few 65.50-65.75; high Good and low Choice 2-3 60.00-63.75; Good 2-3 57.50-61.00; Good and Choice 1150-1400 lb. Holsteins 55.00-58.00, few Standard 1-2 51.25-55.00.

SLAUGHTER HEIFERS: Good 2-3 850-1050 lb. 56.00-59.60.

COWS: Utility 1-3 45.00-46.50, few 47.00-48.00; Cutter 1-2 42.00-45.50, few 45.50-46.50; Canner and low Cutter 39.25-42.50.

BULLS: Yield grade 1 1400-1800 lb. 54.85-57.75, three head 1835-2075 lb. 61.00-64.25; yield grade 2 1000-1450 lb. 50.50-54.50.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Choice 80-120 lb. 65.00-80.00.

SHEEP: No market test.

New Holland Livestock

Thursday, May 21
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1599	390	30	25
Last Thurs.	1216	403	48	11
Last Year	1552	428	36	64

CATTLE: Compared to last Thursday Slaughter Steers uneven, high Choice and Prime weak to .50 lower, some late sales 1.00 lower; Standard to Average Choice .50-1.50 lower, some late sales good to low Choice fully 2.00 lower; Slaughter Heifers 1.00-1.50 lower; Cows 2.00-4.00 lower, instances 5.00 lower; Bullocks 1.00-2.00 lower; Bulls 1.00-3.00 lower, instances 4.00 low supply included 70 per cent Slaughter Steers and 18 per cent Cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1375 lb. 65.50-66.35, few lots 66.50-66.85, some late sales 64.60-65.50; Choice 2 1000-1325 lb. 65.25-66.50, few 66.50-68.50; Choice 2-4 1000-1350 lb. 62.75-65.25, few lots 65.30-65.85, some late sales 61.75-62.75; High Good and low Choice 2-3 59.50-63.50; Good 2-3 56.75-59.75; Good and Choice 1175-1350 lb. Holsteins 54.00-57.25; Standard 1-2 51.50-54.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 58.50-60.50, few Good 2-3 850-1025 lb. 54.50-59.00.

COWS: Utility and Commercial 1-3 42.00-46.50, few 47.00-48.50; Commercial 41.00-42.50; Cutter 1-2 42.00-45.50, few 46.00-48.00; Canner and low Cutter 38.00-42.00.

BULLOCKS: Choice 1050-1275 lb. 54.50-59.00; Good 1000-1250 lb 51.25-54.50.

BULLS: Yield Grade 1 1400-1900 lb. 54.00-56.00, few 56.50-59.50, couple 61.00-62.35; Yield Grade 2 1000-1450 lb. 51.00-54.50, few 850-1050 lb. 49.00-51.50.

VEAL CALVES: Vealers mostly steady, although Choice and Prime not fully tested. Demand good for calves returned to farm.

VEALERS: Few Choice 140-275 lb. 108.00-116 00, couple 118 00-124.00; high Good and low Choice 160-350 lb. 85.00-100.00, 120-140 lb. 75.00-90.00, 85-110 62.00-75.00, few 60-85 lb. 52.00-62.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein Heifers 135.00-175.00, several 180.00-198.00, few 80-95 lb. 85.00-110.00; Bulk 85-120 lb. Holstein Bulls 80.00-100.00, few 104.00-117.00.

SHEEP: Insufficent volume for a full market test, few 35-55 lb. spring Lamb 5.00-10.00 higher.

SPRING LAMBS: Choice 35-55 lb. 84.00-102.00.

SLAUGHTER EWES: Few Utility 30.00-32.00.

GOATS: All Goats sold by the head mainly 24.00-44.00, few 48.00-66.00.

Lancaster Weekly

Friday, May 22

	Cattle	Calves
This Week	5200	1020
Last Week	5388	998
Last Year	4635	1010

CATTLE: Slaughter steers uneven, high Choice and Prime closed weak to .50 lower, instances 1.00 lower, Standard to Average Choice .50-1.00 lower with some late sales fully 2.00 lower, slaughter heifers 1.00-1.50 lower, cows closed the week 2.00-4.00 lower, instances 5.00 lower, bullocks 1.00-2.00 lower, bulls 1.00-3.00 lower. Supply included 69 per cent slaugher steers, 13 per cent cows, 7 per cent bulls, 6 per cent heifers with the balance feeder steers held mainly for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1475 lbs. 64.50-66.75, few 66.75-67.75; Choice Grade 2 1050-1325 lbs. 65.25-67.00, few 67.00-68.75 with around 20 head early part of week 69.00-71.75; Choice 2-4 1025-1350 lbs. 62.50-65.50, few 65.50-66.10, high Good and low Choice 2-3 59.00-63.50, Good 2-3 56.50-61.00; Good and Choice 1150-1450 lb. holsteins 54.00-59.00, Standard 1-2 50.00-54.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1125 lbs. 58.50-63.25, few Yield Grade 2 64.00-65.25; Good 2-3 850-1050 lbs, 54.50-59.50.

COWS: Utility and Commercial 1-3 42.00-46.50, several early part of week 47.50-49.50, Cutter 1-2 42.00-46.00, several 46.00-48.50, Canner and low Cutter 38.00-42.00.

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SPECIAL GRADED
FEEDER CATTLE SALE
FRIDAY, MAY 29, 1981
11:00 A.M.
400 HEAD
All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
Graded by Jim Anderson - USDA

LANCASTER STOCKYARDS
WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.
NEXT FEEDER PIG SALE — MAY 26
LANCASTER STOCKYARDS WILL BE OPEN FOR BUSINESS AND AUCTIONS AS USUAL MEMORIAL DAY, MONDAY, MAY 26
PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

NEW HOLLAND The Action Auction
AUCTIONS make the difference in auctions!
NEW HOLLAND makes the difference in marketing livestock!
MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M. - Horse Sale
11 00 A.M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12 00 Noon - Dairy Sale
1 30 P M - Feeder Pig Sale
THURSDAY'S AUCTION
11 00 A M - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows Veal
3 30 P M Calf Sale
NEW HOLLAND
SALES STABLES INC.
New Holland, PA
Abram W Diffenbach, Manager
Phone 717 354 4341

VINTAGE SALES
STABLES, INC.
Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction-
Steers, Bulls, Heifers, Cows,
Feeder Cattle.
(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.
Sale Every Wednesday & Saturday - 9 A.M.
Hog Sale
Sale Every Thursday 12:30 P.M.
Hay, Straw & Grain Sale
3 possum bellied trailers available for long distance and local hauling
Business Phone
717-768-8204
Home Phone
215-458-5060
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA
17547
Office Phone:
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Specializing In
Stockers &
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JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph: (717) 656-9849

LEBANON
VALLEY
LIVESTOCK
MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1:30 P M. starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30.

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Saturday, May 16
Report supplied by USDA & Auction

1020 head.

U.S. #1 210-235 lbs. 46.50-48.00, few from 49.00-50.00;; U.S. 1 & 2 200-240 lbs. 44.75-45.50; U.S. 2 & 3 200-250 lbs. 44.25-44.50; Sows 350 lbs. and up 36.50-38.50.

Monday, May 18

HOGS: Barrows and gilts steady to 25 higher.

BARROWS AND GILTS: US 1-2 200-240 lbs. 44.00-45.50; US 1 205-250 lbs. 45.75-47.00; Few Selected 47.00-47.50; US 1-3 210-260 lbs. 44.00-44.50.

Wednesday, May 20

HOGS: Barrows and gilts 50-75 higher.

BARROWS AND GILTS: US 1-2 200-240 lbs. 45.25-46.25, couple lots 46.50. US 1 205-245 lbs. 47.50-48.00, Few Selected 48.50-49.00; US 1-3 190-255 lbs. 44.50-45.25, Few 255-265 lbs. 43.50-44.50.

St. Louis Hogs

Thursday, May 21
Report supplied by USDA

HOGS: 6500 - Barrows & gilts active, 25 to mostly 50 higher. US 1-2 200-240 lbs. 44.00-44.25, 70 head 225-235 lbs. 44.50; US 1-3 220-260 lbs. 43.00-44.00.

SOWS: Steady-1.00 higher, advance on weights over 500 lbs. (About 10%). US 1-3 300-500 lbs. 36.50-37.00; Over 500 lbs. 38.50-40.50.

BOARS: Over 300 lbs. 36.50-37.00;; 200-300 lbs. 37.50-38.00.

Lancaster Feeder Pigs

Tuesday, May 19
Report supplied by USDA

Today	1549
Last Tuesday	1330
Last Year	1937

TREND: Compared to last Tuesday feeder pigs 4.00-7.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 197 head 29-39 lbs. 68.00-86.00; 439 head 40-49 lbs. 67.50-81.00; 314 head 50-59 lbs. 63.50-77.00; 88 head 60-69 lbs. 60.00-69.00.

US 2-3: 23 head 34-36 lbs. 61.00-67.00; 75 head 40-49 lbs. 58.00-67.50; 23 head 50-59 lbs. 49.00-60.00; 13 head 69 lbs. 52.00.

New Holland Feeder Pigs

Wednesday, May 20
Report supplied by USDA

Today	933
Last Wednesday	846
Last Year	921

TREND: Compared to last Wednesday feeder pigs mainly 4.00-8.00 lower, although about 100 head US 1-2 40-45 lbs. steady. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2 54 head 14-19 lbs. 72.00-73.00; 91 head 28-39 lbs. 59.00-68.00; 86 head 41-43 lbs. 73.00-76.00; 88 head 40-49 lbs. 65.00-69.00; 132 head 50-59 lbs. 61.00-68.00; 105 head 61-81 lbs. 59.00-65.00.

US 2-3: 99 head 30-39 lbs. 57.00-70.00; 101 head 40-49 lbs. 57.00-64.00; 60 head 54-63 lbs. 62.00-66.00.

Indianapolis Hogs

Thursday, May 21
Report supplied by USDA

HOGS: 1600 (will run few hundred over) - Barrows & gilts moderately active, 50-75 higher. US 1-2 200-250 lbs. 44.75-45.00.

SOWS: Active, under 500 lbs. steady-50 higher, over 500 lbs. 50-1.00 higher. (8%). US 1-3 300-450 lbs. 36.50; 450-500 lbs. 37.75-38.50; 500-600 lbs. 39.00-39.50.

BOARS: Under 350 lbs. scarce; over 350 lbs. 37.00.

Peoria Hogs

Thursday, May 21
Report supplied by USDA

HOGS: 3500 - Barrows & gilts active, 1.00 higher. US 1-2 200-240 lbs. 44.50-45.00; US 1-3 200-240 lbs. 43.50-44.50.

SOWS: Steady-50 higher. (15%). US 1-3 350-500 lbs. 37.50-38.00; 500-650 lbs. 38.50-39.00.

BOARS: Over 350 lbs. 38.50-38.75; Under 350 lbs. 34.00-38.00.

Feeder Pig Sale

Courtland, Va.
Thursday, May 14
Report supplied by VDA

There were 2410 head sold. All pigs were graded by Representative of the VDACS's Division of Markets, Livestock Section and USDA standards and sold by the hundredweight.

US 1&2: 30-39 lbs. 80.00; 40-49 lbs. 70.00; 50-59 lbs. 64.50; 60-69 lbs. 57.25; 70-84 lbs. 56.00; 85-100 lbs. 50.00.

US 3's: 30-39 lbs. 65.50; 40-49 lbs. 62.50; 50-59 lbs. 55.00; 60-69 lbs. 58.00; 70-84 lbs. 50.00; 85-100 lbs. 49.00.

UTILITY & 4: 30-39 lbs. 47.00; 40-49 lbs. 43.00; 85-100 lbs. 37.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, May 21
Report supplied by USDA Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	495,000	34,000	1,354,000	80,000
Last Week	481,000	27,000	1,434,000	79,000
Last Year	457,000	27,000	1,491,000	81,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday May 21)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.46	4.04½	7.55½	217.70
Sept.	3.56½	4.23	7.64½	221.50
Oct.	–	–	–	221.50
Nov.	–	–	7.73	–
Dec.	3.61½	4.49		

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

New Holland Hogs

Monday, May 18
Report supplied by USDA

Today	1070
Last Monday	1164
Last Year	1536

TREND: Compared to last Monday barrows and gilts steady, instances 50 higher.

BARROWS AND GILTS: US 1-2 200-250 lbs. 44.60-45.60; US 1 205-245 lbs. 46.00-46.50; Few Selected 47.00-47.35; US 1-3 210-260 lbs. 43.75-44.50.

Feeder Pig Sale

Harrisonburg, Va.
Tuesday, May 12
Report supplied by VDA

There were 2,076 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1&2: 30-39 lbs. 66.00-70.00; 40-49 lbs. 64.00-69.50; 50-59 lbs. 57.00-64.00; 60-69 lbs. 69.00; 70-84 lbs. 61.00; 85-99 lbs. 57.00; 100-130 lbs. 50.00.

US 3: 30-39 lbs. 61.00; 40-49 lbs. 57.50-58.50; 50-59 lbs. 56.00; 60-69 lbs. 58.00; 70-84 lbs. 54.50; 85-99 lbs. 56.00; 100-130 lbs. 50.00.

UTILITY: 30-39 lbs. 53.00; 40-49 lbs. 45.00; 70-84 lbs. 55.00.

US 4: 40-49 lbs. 60.00; 60-69 lbs. 51.00.

Avg. weights 48.7 lbs. Avg. cwt. 62.74; Avg. 1 head 30.55; Light weight 25 lbs. 68.00.

Futures Trading

(Closing Bids as of Thursday May 21)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	66.90	50.15	
July		53.70	
Aug.	64.65	54.50	
Oct.	63.07		
Nov.			7.54

Trend - Cattle are lower, Hogs are higher. Potatoes are higher.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

CONSIGN WITH CONFIDENCE

You are in good hands when you do business with Walter M. Dunlap And Sons — and for the following reasons —

- All hogs, pigs, calves and lambs weighed upon arrival; therefore, less shrink and more dollars in your pocket.
- All livestock penned under roof.
- All cattle watered before being sold.
- During hot weather, fat hogs watered down on arrival.
- All livestock properly sorted by capable personnel
- No waiting at docks to unload.
- Full market price for all consignments.
- Bonded for your protection
- Immediate payment
- Free up to date market information
- Open every day of the week to receive consignments.
- Financing of feeder cattle available.

NOTICE
OPEN FOR BUSINESS SAME AS USUAL MONDAY, MAY 25

WALTER M. DUNLAP AND SONS
Tel. (717) 397-5136
The leading firm on the Lancaster Market

NEXT FEEDER PIG SALE
TUES., MAY 26 - 1:00 P.M.
Lancaster Stockyards

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To Local Auctions
Have Market For
MULCH HAY
MEADOW GREEN FARMS
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Your Livestock Broker
Serving You Since 1895.
- Up-to-date market information.
- We sell slaughter cattle, fat hogs, calves, lambs, feeder pigs
- Suppliers of feeder cattle.

NEXT FEEDER PIG SALE
TUESDAY, MAY 26 - 1 P.M.

Consign your livestock to J.M. Hoober, Inc., where it will receive personal care and service
Call Us:
Phone: (717) 397-6191 - Home 569-2084
Small Stock Division - 397-6191
Home - 626-8653

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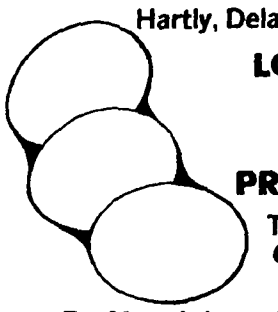
SYDEL'S EGG FARM
Hartly, Delaware



LOOKING FOR EGG PRODUCERS
TRUCK LOAD QUANTITIES WANTED.
For More Information Call
302-834-1414
Ask for Ian or Lewis

Poultry Markets

Weekly New York Egg Market

From Friday, May 15 to May 22

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	72	73	74	74	76
Ex Large	69	70	71	71	73
Large	66	67	68	68	70
Mediums	59	59	59	59	60
Pullets	48	48	48	48	49
BROWN					
Jumbo	95	95	96	96	96
Ex Large	82	82	83	83	85
Large	78	78	79	79	81
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	59	60	61	61	63
Checks	34	34	35	36	37

Tone: Large barely steady. Balance medium easy.
Copyright 1981 by Urner-Barry

N. E. Weekly Shell Egg Report

Tuesday, May 19
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	85-90	81-86	66-72	48-55
Mostly	87-88	83-84	68-70	50-53
N. HAMP.	80-87	76-83	61-68	43-50
Mostly	82-85	78-81	63-66	45-48
R.I.	88-89	84-85	70-71	52-53
VERMONT	87-95	83-91	66-77	–
Mostly	89	85	68-73	–
MAINE	86-87	82-83	68-69	50-51

+ Includes Central and Western Sections only.

Baltimore Eggs

Wednesday, May 20
Report supplied by USDA

Prices trended higher on large. Demand fair. Supply adequate.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Large	69-73
Medium	62-64

Lancaster Farming

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Sheila M. Miller, Editor
Dick Anglestein, Staff Writer
Debra L. Koontz, Staff Writer

CORRESPONDENTS
M H. Gitt, Adams County
Biglerville, 717-677-9440
Laurel Shaeffer, Berks County
Bernville
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Ulster 717-358-3346
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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	May 19 Tuesday	May 21 Thursday
Class 1 - Large	48 lbs.	55	55
Class 2 - Large	45 lbs.	52	52
Class 3 - Medium	42 lbs.	45	45
Class 4 - Small	39 lbs.	36	37
Breaking Stock	48 lbs.	42	44
Checks	48 lbs.	37	39

Philadelphia Eggs

Wednesday, May 20
Report supplied by USDA

Prices again unchanged to higher on larger sizes while unchanged on mediums cartoning demand fair. Offerings fully adequate overall. Undertone steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 65½-71; A Large 64½-69; A Medium 57-59.

Eastern Pa. & N.J. Poultry

Wednesday, May 20
Report supplied by USDA

Prices light type hens steady. Offerings lighter for a fair processor interest. Occasional report of medium weight hens delivered plant at 11 cents noted. Offerings of heavy type ample for a light call.

Prices paid at Farm.

Lightweight at farm: 5-7, mostly 6-6½.

FOB plant: 9-9½, mostly 9.

Heavyweight: TFEWR.

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, May 5
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE: range 10.

HENS, HEAVY TYPE: range 5-28, mostly 25.

PULLETS: range 51.

ROASTERS: range 51.

FRYERS: range 38.

DUCKS: range 100.

DRAKES: range 100.

RABBITS: range 80-125, mostly 95.

GUINEAS: range 149-210, mostly 149-150.

PIGEONS (PER PAIR): range 100-600.

TOTAL COOPS SOLD: 250.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 19
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.24-1.42.

MUSCOVY DUCKS, HENS: range 1.18-1.30.

PULLETS: 6-9 lbs. range .40-.44.

RED FOWL: 4-5 lbs. range .26-.38.

RED FOWL: 6-7 lbs. range .36-.42.

CROSSBRED FOWL: 6-9 lbs. range .30-.38.

CROSSBRED ROOSTERS: 4-6 lbs. range .60-.92.

CROSSBRED ROOSTERS: 7-11 lbs. range .18-.42.

GUINEAS: range 1.65-1.84.

GEESE: 9-12 lbs. range .60-.74.

TURKEYS: 18-31 lbs. range .32-.50.

PIGEONS: range .85-1.10 ea.

WHITE PIGEONS: range 2.85-3.25 ea.

RABBITS: 4-6 lbs. range .90-1.20.

RABBITS: 7-10 lbs. range .8[illegible] 1.04.

PEKING DUCKS: range .90-1.06 ea.

BANTY ROOSTERS: range 2.75-4.25 ea.

BANTY HENS: range 1.00-1.60 ea.

GUINEA PIGS: range .75-2.85 ea.

GOATS: range 35.00-68.00.

KID GOATS: range 29.00-40.00.

TOTAL COOPS SOLD: 615.

The Incredible Edible Egg
American Egg Board

Delmarva Poultry

Wednesday, May 20
Report supplied by USDA

RTC movement fair to occasionally good where features involved on whole birds, parts generally less aggressive. Slaughter schedules reduced slightly overall. Today's L.T.L asking prices on U.S. Grade A at 52-54. Advance interest slow in developing in most quarters as traders await further market developments. Live supplies ample at weights tending heavier than desired in instances. Undertone unsettled.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/20 1590; Actual 5/13 1786; Actual 5/18 1671; Average Weights 5/18 4.25; 5/11 4.28.

TOP OF THE HOG MARKET
DANVILLE LIVESTOCK MARKET
OLD ROUTE 11, DANVILLE, PA 17821
717-275-2880

HORSE SALE HELD 3rd SATURDAY OF THE MONTH

Market your cattle & hogs the auction way.
Sale every Monday 2 P.M.
Melvin M. Lehman (Owner)

WHAT VALUE DOES EARLY PRODUCTION HAVE?

By 34 weeks of age this graph shows the early maturing flock ahead by nearly 18 eggs per hen housed! The value to you is at least 25-30¢ more per hen for the year!

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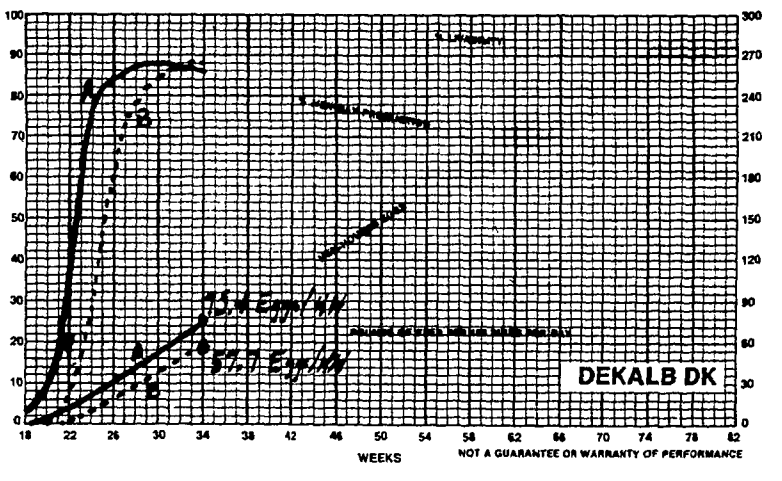

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Livestock market and auction news

Hay Markets

Good's Hay

Leola, Pa.
Wednesday, May 20
Report supplied by auction

112 loads.

Mixed 77.00-150.00; Timothy 68.00-116.00; Alfalfa 98.00-190.00; one load New Alfalfa 100.00; Straw 47.00-70.00; two Clover 57.00 & 67.00; Corn 127.00-139.00; Stubble Hay 69.00-111.00; Oats three loads 2.75, 2.90, & 3.05 bu.

New Holland Hay

New Holland Sales Stables
Monday, May 18
Report supplied by auction

128 loads.

Alfalfa 69.00-195.00; Timothy 59.00-120.00; Mixed 46.00-146.00; Straw 56.00-75.00; Corn 128.00-132.00.

Vintage Hay

Vintage Sales Stables
Thursday, May 21
Report supplied by auction

17 loads.

Alfalfa 90.00-115.00; Timothy 90.00-100.00; Mixed 71.00-112.00; Straw 50.00-70.00; one New Timothy 86.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, May 21
Report supplied by auction

15 loads, small run.

Mixed 55.00-89.00; Timothy 81.00 & 88.00; Mixed Alfalfa 95.00 & 98.00; Straw 30.00-52.00; one Corn 137.00.

Thursday, May 28, will be the final regular weekly sale for the summer.

Monthly sales will be held on the second Thursday of June, July and August.

Keister's Hay

22 loads hay.

Timothy, 65-72; Mixed, 67-92; New Alfalfa, 97 50-105; Straw, 45-51; Ear Corn, 128-129.

Regional Hay

Friday, May 15
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw slow & steady.

Alfalfa 90.00-110.00, few to 135.00; Mixed hay 55.00-85.00; Timothy hay 50.00-80.00; Straw 35.00-40.00; Mulch 30.00-35.00.

Green Dragon Hay

Ephrata, Pa.
Friday, May 15
Report supplied by PDA

37 loads hay and 18 loads straw.

Alfalfa 125.00-178.00, one 245.00; Mixed hay 61.00-150.00; Timothy nay 66.00-90.00; Orchard Grass, one at 56.00; Straw 55.00-73.00; Ear Corn 15 loads 124.00-138 00, one 118.00.

New Wilmington Hay

New Wilmington, Pa.
Friday, May 15
Report supplied by PDA

25 loads hay and 7 loads straw.

Alfalfa, one at 123.00; Mixed hay 70.00-83.00, 2nd cutting 79.00-92.50, few 113.00; Timothy hay 72.00-81.00; Straw 54.00-57.00; Ear Corn, 2 loads 91 00 and 92.50, Oats, one $115.00.

Pa. Grain

Tuesday, May 18
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents lower. Wheat steady 20 cents lower. Barley steady. Oats mostly steady. Ear Corn unevenly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton

Southeastern Pa.

Corn No 2-y range 3.75-3.95, average 3.86; Wheat No. 2 range 4.00-4.40, average 4.20; Barley No. 3 range 2.50-3.25, average 3.90; Oats No. 2 2.70-2.90, average 2.77; Ear Corn 102.00-117.00, few reported 126.00, average 112.70

Central Pa.

Corn No. 2-y range 3.75-3.90, few reported down to 3.60, average 3.83; Wheat No. 2 range 4.00-4.25, few reported 3.85, average 4.12; Barley No. 3 range 2 35-2 75, average 2.58; Oats No. 2 range 2.40-2.70, average 2.54; Grain Sorghum No. 2 range 3.70, average 3.70; Ear Corn 103.00-110.00, average 108.00.

South Central Pa.

Corn No. 2-y range 3.55-3.75, average 3.65; Wheat No. 2 range 3.80-4.00, average 3.92; Barley No. 3 range 2.70-3.15, average 2.88; Oats No. 2 range 2.40-2.70, few reported 2.85, average 2.58; Ear Corn range 100.00-120.00, average 107.38.

Western Pa.

Corn No. 2-y range 3.45-3.55, few reported 3.75, average 3.54; Wheat No. 2 range 3 95-4.00, average 3.97; Barley No. 3 few reported range 2.20-2.40, average 2.30; Oats No. 2 range 2.20-2.45, average 2.31; Ear Corn few reported range 85.00-88.60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-3.95, average 3.82; Wheat No. 2 range 3.90-4.40, average 4.11; Barley No. 3 range 2.50-3.20, average 2.80; Oats No. 2 range 2.40-2.85, average 2.63; Ear Corn range 102.00-117.00, average 109.83.

New Holland Horse

Monday, May 18
New Holland Sales Stables
Report supplied by auction

Reported receipts of 232 head of horses, mules, and ponies. Market: steady.

Better horses 575.00-1050.00; Driving horses 375.00-1125.00; Riding horses 350.00-525.00; Lightweight killers 350.00-500.00; Heavyweight killers 550.00-740.00; Mares 40.00-115.00; Colts 15.00-40.00; Geldings 40.00-115.00; Larger ponies 150.00-260.00.

Central U.S. Carlot

Wednesday, May 20
Report supplied by USDA

Compared to Tuesday's 4:30 report: Choice steer beef mostly 1.00 higher, Good steady. Heifer beef fully steady-1.00 higher with advance on Y.G. 4. Demand moderate to good, trading active early but tapering off some late as most orders are filled. Supplies moderate. The boxed beef carcass cutout value declined $1.50 to an estimated $107.43 per cwt Sales reported on 144 loads of steer and heifer beef

STEER BEEF
105 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 105.00-106.00, 1.00 higher.

Choice 4: 600-900 lbs. 94.00-95.00, mstly 95.00, mstly 1.00 higher

Choice 2-3: 500-900 lbs. 96.00-99.00 (Hols.) stdy-1.00 higher.

Good 2-3: 600-900 lbs. 102.00-104.00, steady.

Good 2-3: 500-900 lbs. 94 00 (Hols.), steady.

FOB Amarillo Basis

Choice 2-3: 600-700 lbs. YG 3 104.50-105.50; YG 2 106.00-107.00.

Choice 4: 600-900 lbs. 94.50-95.00.

HEIFER BEEF
39 Loads
FOB Omaha Basis

Choice 3: 500-700 lbs. 103.00 steady.

Choice 4: 500-800 lbs. 94.00-95.00, mstly 95.00, mstly 1.00 higher.

Good 2-3: 500-700 lbs. 101.00 steady.

Cow beef steady to 1.00 higher, advance on breaking utility to the West Coast. Demand light to moderate in face of sluggish boneless beef market.

COW BEEF
8 Loads
FOB Omaha Basis

BRKG UTLTY: 450&up lbs. 74.50 (West), 1.00 higher 3-4.

BNG UTLTY: 400&up lbs. 77 50 (West) no comparison 2-3.

BNG UTLTY: 400&up lbs. 79.00 (Midwest) steady 2-3.

Canner & Cutter. 350&up lbs. 80.50 (West).

FOB Amarillo Basis

BRKG UTLTY: 450&up lbs. 75.50 (West) steady 3-4.

BULL BEEF
1 Load

Bull 1 · 500&up lbs. 91.50 (West).

PRIMAL BEEF CUTS
9 Loads
FOB Omaha Basis

FORE: 130-210 lbs 83.50.

ARM CHUCKS · 75-120 lbs. 77.00-79.00.

HINDS (H) 120-160 lbs. 123.00

FOB Amarillo Basis

HINDS (H): 120-160 lbs 124.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
48 Loads
FOB Omaha Basis

90% chem lean fresh 115.50-117.00.

90% chem lean frozen 119 00 tis Midwest.

85% chem lean fresh 107.50-108.50.

75% chem lean fresh 92.50-93 00.

50% chem lean fresh 49.00.

Compared to Tuesday's 2:30 report: Fresh pork loins steady for immediate shipment, 2.00-3.00 higher for week end and next week shipment. Boston butts 8&up lbs. steady. Fresh hams steady-2.50 higher. Sdls bellies 1.00-3.50 higher. Trading moderate; demand good. Sales reported on 32 loads plus 23 loads of trimmings and variety meats.

LOINS: 14-17 lbs. 91.00 frozen; 14-17 lbs. 93.00 steady; 14-17 lbs. 94.00-96.00 next week ship; 17-20 lbs. 89.75 clear channel; 17-20 lbs. 89.00 week-end ship; 17-20 & 17-22 lbs. 86.25-87.00 steady.

BOSTON BUTTS: 8&up lbs. 69.00 steady.

SPARERIBS: 3-5 lbs. 100.25 fresh.

SKINNED HAMS: 14-17 lbs. 71.00 1.00 higher; 17-20 lbs. 67.50-68.00, 2.00-2.50 higher; 20-25 lbs. 65.00, steady.

SDLS, BELLIES: 12-14 lbs. 42 00, load 42.50, mostly 2.00 higher; 14-16 lbs. 42.00, load 42.50, mostly 2.00 higher; 16-18 lbs. 39.00-40.00, 1.00-2.00 higher; 18-20 lbs. 37.00-38 00; 20-25 lbs. 37.50, 3.50 higher.

BNLS CT BUTT: 1½-3 lbs. 110.50; 4½-6 lbs. 109.50.

VARIETY MEATS

NECK BONES: 13.00.

TAILS: 16.00.

SELECTED GELATING SKINS: 18.50.

KIDNEYS: 60 lbs box 12.50.

PORK TRIMMINGS/ BONELESS PROCESSING PORK
(Chemical Lean)

42% lean trimmings fresh 40.00-42 00.

72% lean trimmings fresh 74.00 nxt week ship.

72% lean trimmings fresh 72.50.

72% lean trimmings frzn 73.50-75.00.

72% bnls picnics frozen 75.00-76.00.

85% blade meat frozen 92.00.

Joliet Cattle

Thursday, May 21
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 4,100; 5 days last week 4,020, same period a year ago 3,364. Trading slow on Steers on Monday; Moderately active on Wednesday; trading on Heifers moderately active for the week. Slaughter Steers ended the week mostly steady with some sales .50 to 1.00 lower on YG 4 & 5 steers. Slaughter Heifers ended the week mostly .50 higher.

SLAUGHTER STEERS: Choice, few Prime, mostly 3, 1150-1220 lb. load 66.75, 2 loads 67.00 Monday; one load 67.00 Wednesday. Mixed High Choice and Prime 3, few 4, 1150-1300 lb. 65.50-66.50; 3-4 1200-1350 lb. 63.50-65.00 Monday; 64.00-65.25 Wednesday; 3-5 1200-1400 lb. 61.50-63.00 Monday; 62.00-63.50 Wednesday; 4-5 1300-1450 lb. 59.00-60.50 Monday; load mostly 5 1350 lb. 58.00 Wednesday. Choice 2-4 1050-1300 lb. 65.00-66.25 Monday; 65.25-66.00 Wednesday. Mixed Good and Choice 2-3 1000-1300 lb. 64.00-65.00. Load Choice 2-3 1600 lb. Holsteins 59.50 Monday. Mixed Good and Choice 2 1150-1300 lb. 57.00-58.00 Monday. Standard and Good Holsteins 56.00-57.00 Monday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1150 lb. 65.50-66.00, 2 loads 66.50 Monday; 65.25-66.00 Wednesday. Choice 2-4 900-1150 lb. 64.50-65.50. Mixed Good and Choice 2-3 800-1000 lb. 63.00-64.50.

COWS: Cutter & Utility 1-3 40.00-44.00, few 45.00.

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Hershey, PA 17033
PH: 717-964-2248
or 717-569-2061

MARYLAND GRADED FEEDER PIG SALES
— New Schedule —
2nd Monday Monthly
Denton - 301-479-2656
4th Friday Monthly
Westminster - 301-848-9820
4th Monday Monthly
Denton - 301-479-2656
All Sales Start at 1:30 P.M.
MARYLAND PORK PRODUCERS ASSOCIATION
(Graded Sale Since 1957)

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Livestock market and auction news

New Wilmington Livestock

New Wilmington, Pa.
Monday, May 18
Report supplied by PDA

CATTLE 238. Compared with last Monday's market, slaughter cows about steady. One Choice slaugher steer at 65.50, Good 58.50-63.25, Standard 51.00-55.25, few Utility 49.00-50.75. Few Choice slaughter heifers 60.00-61.75, Good 54.00-58.50, Standard 50.00-54.00, few Utility 43.75-47.50. Utility & Commercial slaughter cows 45.00-49.25, few 49.75-51.75, Commercial No. 4-5 41.50-45.00, Cutters 43.50-46.75, Canner & Low Cutter 36.00-43.50, Shells down to 30.00. Yield Grade #1 1105-2060 lbs. slaughter bulls 53.50-58.00; few yield grade #2 1020-2315 lbs. 48.00-53.00. Few Medium & Large Frame #1 320-440 lbs. feeder steers 58.00-65.00, 560-740 lbs. 55.00-61.00; Medium & Large Frame #1 470-750 lbs. feeder heifers 47.00-58.00, Medium Frame #2 500-670 lbs. 40.00-45.00; Medium & Large Frame #1 510-650 lbs. feeder bulls 55.00-63.50.

CALVES 178. Vealers grading Good & Choice weak to $2 lower, Standard $10 to $15 higher. Choice vealers 96.00-108.00, Good 80.00-96.00, Standard & Good 90-120 lbs. 75.00-82.50, 65-85 lbs. 60.00-75.00, Utility 50-90 lbs. 40.00-53.00. Farm calves, hosltein bulls 95-130 lbs. 95.00-108.00; holstein heifers 75-120 lbs. 90.00-150.00.

HOGS 721. Barrows & gilts $1 to $1.25 lower. US No. 1-2 210-245 lbs. barrows & gilts 44.00-44.80, No. 1-3 200-255 lbs. 43.00-44.10, No. 2-3 200-260 lbs. 39.00-43.00, No. 2-3 270-345 lbs. 34.50-39.60, No. 1-3 155-195 lbs. 36.00-39.50. Sows steady to weak. US No. 1-3 290-625 lbs. sows 30.00-36.75; few No. 2-3 330-525 lbs. 24.50-30.25. Boars 24.00-37.75.

FEEDER PIGS 38. US No. 1-3 15-30 lbs. feeder pigs 13.00-26.00 per head, No. 1-3 30-40 lbs. 26.00-32.00 per head.

SHEEP 170. Choice 60-85 lbs. spring slaughter lambs 75.00-88.00, few Good 70-90 lbs. 55.00-68.00. Slaughter ewes 8.00-30.00.

East Coast Carlot

Wednesday, May 20
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady. Good and Choice boning veal generally steady on limited sales, however, firm undertone indicated. Compared to last week, lamb 7.00 to 9.00 higher. Spring lamb 7.00 higher. Boneless beef not enough sales reported to establish trends.

VEAL CARCASS
HIDE ON
250 Head

180-240 lbs. 195.00-200.00, limited, generally steady.

BONING TYPE
HIDE ON
Good and Choice

65-75 lbs. 111.00, all limited, all generally steady; 55-64 lbs. 109.00; 45-54 lbs. 107.00; 35-44 lbs. 105.00; 34 lbs. down 103.00.

Inshipped: 71-80 lbs. 114.00, all limited, all generally steady; 61-70 lbs. 112.00; 51-60 lbs. 110.00; 41-50 lbs. 108.00; 30-40 lbs. 106.00.

LAMB CARCASS
Choice & Prime 3-4
7½ Loads

Compared to last week: 55 lbs. down 143.00-145.00, all 7.00-9.00 higher; 55-65 lbs. 143.00-145.00; 65-75 lbs. 143.00-145.00.

SPRING LAMB CARCASS
Choice & Prime 3-4

Compared to last week: 55 lbs. down 145.00, load 143.00, mostly 7.00 higher; 55-65 lbs. 145.00, 7.00 higher.

BONELESS BEEF
3 Loads
(U.S. and Canadian Origin)

85 pct chem lean fresh 112.00-113.00.

CURED AND PROCESSED MEATS
9 Loads

Skinned Hams: 16-20 lbs. 78.00 firm.

Semi-Boneless Hams: 14-17 lbs. 94.00.

Semi-Boneless Hams: 17-20 lbs. 92.00 weak.

Picnics, 5-7 lbs. 61.00.

No. 1 Sliced Bacon Vacuum Pack 1 lb. pkg. 99.00 firm.

Franks, 70 Beef, 30 Pork 1 lb. pkg. 82.00 steady.

Lancaster Feeder Cattle

Friday, May 15
Report supplied by USDA

Today	454
Last Friday	335
Last Year	620

TREND: Feeder steers and heifers sold in graded sale firm to 1.00 higher. Supply included 276 sold in graded sale in lots of 10 or more. Balance of supply sold mainly in lots of four or less and market trend not fully tested.

FEEDER STEERS: Medium Frame 1: Couple lots 595-615 lbs. 64.00-66.25; few lots 800-880 lbs. 62.60-63.35; one lot 1000 lbs. 63.35. Medium and Large Frame 1: One lot 630 lbs. 68.50. Small and Medium Frame 1: One lot 750 lbs. 63.85. Medium Frame 1-2: One lot 470 lbs. 65.75; one lot thin 535 lbs. 69.50. Large Frame 1-2: One lot 605 lbs. 63.75; one lot 825 lbs. 60.50. Large Frame 2 (Holsteins): One lot 730 lbs. 54.60; one lot 900 lbs. 52.85.

FEEDER HEIFERS: Medium Frame 1: One lot 380 lbs. 57.25; one lot 740 lbs. 55.25; Medium Frame 1-2: One lot 505 lbs. 57.50; Large Frame 1-2: One lot 495 lbs. 58.75; one lot 665 lbs. 56.75.

Eight-four Livestock Auction

Eighty-four, Pa.
Monday, May 18
Report supplied by PDA

CATTLE 226. Compared with last Monday's market, slaughter cows 25° to 50° lower. Few choice slaughter steers 59.75-62.00, few Good 58.00-59.50, Standard 53.00-55.00, utility 49.50-51.75. One Choice slaughter heifer at 60.00, one Good at 58.25, Standard 54.00-56.75, Utility 45.50-49.50. Utility & Commercial slaughter cows 43.00-46.00, few 47.00-47.25, Cutters 39.50-44.00, Anner & Low Cutter 36.00-41.50, Shells down to 27.00. Few Utility slaughter bullocsk 40.00-46.50. Yield Grade #1 1200-2260 lbs. slaughter bulls 53.50-57.25; few yield grade #2 900-1600 lbs. 48.00-53.75. Few Medium & Large Frame #1 and 2 300-500 lbs. feeder steers 53.00-67.00; Medium & Large Frame #1 290-500 lbs. feeder heifers 54.00-60.00; few Medium & Large Frame #1 and 2 500-650 lbs. feeder bulls 53.50-58.50.

CALVES 248. Vealers unevenly steady. Choice vealers 95.00-103.00, Good 78.00-95.00, Standard & Good 90-120 lbs. 68.00-78.00, 70-90 lbs. 60.00-69.00, Utility 55-140 lbs. 50.00-60.00, Farm calves, holstein bulls 85-125 lbs. 85.00-106.00; holstein heifers 80-125 lbs. 80.00-140.00; beef cross bulls & heifers 75-120 lbs. 75.00-90.00.

HOGS 102. Barrows & gilts 25° higher. One lot US No. 1-2 240 lbs. barrows & gilts 44.50, No. 1-3 200-240 lbs. 42.20-43.35, few No. 2-3 250-300 lbs. 38.00-41.00, No. 1-3 150-180 lbs. 36.50-41.75. US No. 1-3 300-600 lbs. sows 32.00-38.00, few No. 2-3 450-650 lbs. 30.00-32.00. Boars 25.00-35.25.

FEEDER PIGS 20. US No. 1-3 25-40 lbs. feeder pigs 24.00-30.50 per head, one lot No. 1-3 105 lbs. 41.50 cwt.

SHEEP 103. Choice 55-65 lbs. spring slaughter lambs 79.50-81.00, 75-85 lbs. 74.00-75.00, Good 45-55 lbs. 58.50-60.00. Slaughter ewes 14.00-29.00.

Dewart Auction

Dewart, Pa.
Monday, May 18
Report supplied by PDA

CATTLE 192. Compared with last Monday's market, slaughter cows GRADING Utility & Commercial $2 higher. Choice No. 2-4 1025-1225 lbs. slaughter steers 63.60-67.50, Good 57.00-60.00, Standard 52.00-56.75. Few Good slaughter heifers 50.00-55.50. Utility & Commercial slaughter cows 43.00-47.50, few to 49.00, Cutters 41.75-45.00, few Canner & Low Cutter 36.50-38.00, Shells down to 35.00. Few Good slaughter bullocks 55.25-56.00. Yield Grade #1 950-1625 lbs. slaughter bulls 49.75-56.75.

CALVES 169. Few Prime vealers 107.00-114.00, few Choice 93.00-103.00, few Good 74.00-86.00, Standard & Good 70-95 lbs. 65.00-72.00. Farm calves, holstein bulls 85-125 lbs. 70.00-90.00, mostly 75.00-85.00; holstein heifers 85-130 lbs. 100.00-145.00.

HOGS 422. Barrows & gilts 75 cents to $1.25 higher. US No. 1-2 195-240 lbs. barrows & gilts 45.50-46.10, couple head 47.00, No. 1-3 200-255 lbs. 44.35-45.35, few lots No. 1-3 170-175 lbs. 40.50-41.25. US No. 1-3 325-525 lbs. sows 36.75-38.00, couple to 39.50. Boars 29.00-32.00.

FEEDER PIGS 96. US No. 1-3 20-40 lbs. feeder pigs 16.00-24.50 per head, few Utility 75-100 lbs. 28.00-34.00 per head.

SHEEP 10. Few Choice 85-110 lbs. spring slaughter lambs 79.00-95.00. Few Slaughter ewes 15.00-31.00.

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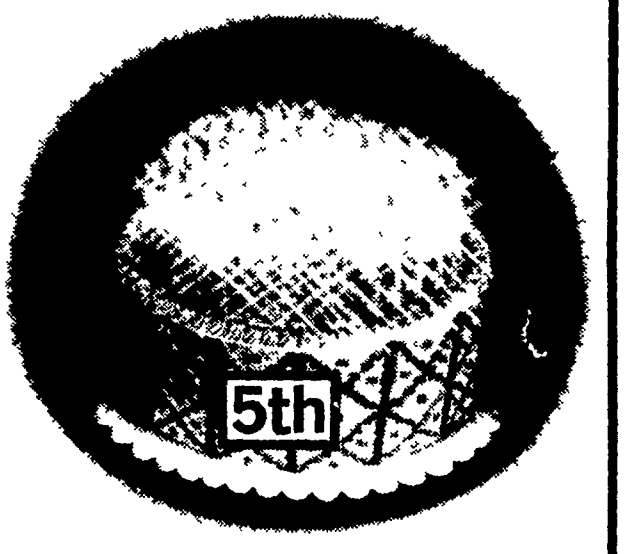

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

MAY 25-31, 1981

We're in the lap of the year.

Seek solitude more often Babe Ruth hit last home run (714) May 25, 1935 Last quarter of the moon May 26 (Tues) Average length of days for the week, 15 hours, 1 minute Turtles lay eggs now Mt Everest conquered May 29, 1953 Pink Lady Slippers bloom now . *Catch the bear before you sell its skin*

Ask the Old Farmer: My grandmother used to dose me with mullin tea Did you ever hear of it? D S , Philadelphia

Yes, and mullin syrup, made from the root, thickened with molasses We don't know whether it would cure anything or not, but it would certainly take your mind off the sickness

Home Hints: Retain more meat juices and flavor by removing meat from the store wrappings as soon as possible

OLD FARMER'S WEATHER FORECASTS

New England: Sun and rain off and on all week

Greater New York-New Jersey: Showers, increasing rain start week, warm midweek to cool by week's end

Middle Atlantic Coastal: Week begins with showers, midweek warm, then rain again and cool

Piedmont & Southeast Coastal: Showers northwest first, heavy rain and cool throughout week

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Four States Livestock

Hagerstown, Md.
Wednesday, May 13
Report supplied by auction

SLAUGHTER: Fed Steers Steady prices. Dairy Type Good 55.00-61.50; Medium 54.00 Down. Heifers. Choice 56.00-59.00; Good 50.00-55.00; Medium 49.00 Down. Cows Good run, $1.50 higher. High Yield 46.50-48.50; Average 43.00-46.00; Big Middle 39.00-42.00; Fatty Herf. 38.00-41.00; Shelly 42.00 Down. Fat Bulls Good 55.00-58.75; Medium 47.00-54.00. Veal Calves Light calves higher, heavy calves lower. Choice to 90.00; Good 85.00-88.00; Medium 75.00-84.00; Farm Hfrs. to 195.00; Farm Bulls to 102.50; Light & Weak 64.00 Down.

STOCKER: Steers 300-550 lbs. Large run, steady prices. Choice 69.00-72.50; Good 63.00-68.00; Medium 57.00-62.00; Culls 56.00 Down. Steers 600-850 lbs. Choice 63.00-67.00; Good 57.00-62.00; Medium 56.00 Down. Heifers (All Weights) Few Light Wts. to 75.00; Choice 55.00-65.00; Good 49.00-54.00; Medium 48.00 Down. Bulls Choice 63.00-70.00; Good 55.00-62.00; Medium 54.00 Down. Springing Heifers to 910.00. Pigs, Hd. Good run, $2.00 higher. 20-30 lbs. 15.00-26.00; 40-60 lbs. 27.00-32.50. Shoats by Lb. to 37.00. Slaughter Hogs $2.00 higher. Few lots 43.00-43.50; 210-230 lbs. 41.60-42.75; 240-260 lbs. 41.25-42.50. Sows Large run. 300-600 lbs. 34.00-38.50; Thin Sows 27.00-33.00.

Martinsburg Auction

Martinsburg, Pa.
Monday, May 18
Report supplied by auction

CATTLE 229. Choice slaughter steers 64.25-66.75, Good 61.50-64.80, Standard 56.50-60.50, Utility 48.00-54.50. Choice slaughter heifers 60.50-62.50, Good 57.00-61.50, Standard 51.50-55.50. Utility & Commercial slaughter cows 46.00-51.50, Cutters 43.75-45.25, Canner & Low Cutter 40.75-43.75, Shells down to 38.00. Choice slaughter bullocks 59.50-62.50, Standard 52.00-57.50, Utility 46.50-51.75. Yield Grade #1 slaughter bulls 56.50-62.00; yield grade #2 52.50-55.50.

CALVES 280. Choice vealers 92.00-98.50, Good 84.50-88.50, Standard & Good 90-110 lbs. 70.00-82.50, 70-90 lbs. 68.50-70.50, Utility 61.50-67.50. Farm calves, holstein bulls 90-120 lbs. 85.00-108.00; holstein heifers 85-130 lbs. 135.00-181.00.

HOGS 377. US No. 1-2 barrows & gilts 44.00-45.10, No. 1-3 43.00-43.80, No. 2-3 42.00-42.50, US No. 1-3 sows 36.50-39.50, No. 2-3 35.00-36.50. Boars 30.50-35.50.

FEEDER PIGS 87. US No. 1-3 20-35 lbs. feeder pigs 15.00-21.50 per head, No. 1-3 35-50 lbs. 21.00-28.00 per head.

SHEEP 1. One slaughter ewes at 30.00.

GOATS 4. 20.00-27.00 per head.

xxx

Rome's major highway was the Via Salaria (Salt Road), used by soldiers bringing crystals from the salt pans at Ostia. Those "worth their salt" were paid a salary. That word comes from salarium, money paid soldiers to buy salt.

Peoria Cattle

Thursday, May 21
Report supplied by USDA

51 weekly Cattle Summary: Compared to last week Slaughter Steers .50, instances 1.00 higher. Heifers .25 to .50, instances 1.00 higher Holsteins finished 2.00 to 3.00 lower. Cows under pressure at midweek closing 1.00 to mostly 2.00 lower. Bulls remained steady. Trade opened the week slow and deliberate in reaction to an unsettled beef trade. On Wednesday demand improved and pushed live prices above the sharply lower closing prices of the previous week. Receipts this week 2600 as compared to 2809 last week and 3109 last year.

SLAUGHTER STEERS: Couple loads Choice and Prime 2-4 1210 lbs. 66.00-66.25. Choice 2-4 1025-1250 lbs. 64.50-66.00. YG 3-4 including Prime 1250-1350 lbs. 63.25-65.00. Mixed Good and Choice 2-3 1050-1250 lbs. 62.50-64.50. Few lots and part loads 1100-1400 lbs. Holsteins 54.00-58.00. Good 60.00-63.00.

SLAUGHTER HEIFERS: Choice, including Prime 2-4 950-1050 lbs. 64.00-65.25. Several loads mostly 3-4's 1050-1175 lbs. 63.00-64.75. Few packages 4-5's at 60.00. Mixed Good and Choice 2-3 850-1050 lbs. 61.50-64.00. Good 59.00-61.50, package 55.00.

COWS: At midweek, Utility and Commercial 2-3 40.00-44.00. Cutter 38.00-43.00. Canner and low Cutter 35.00-38.00.

BULLS: YG 1-2 1100-1800 lbs. 48.00-56.00, bulk 50.00-56.00

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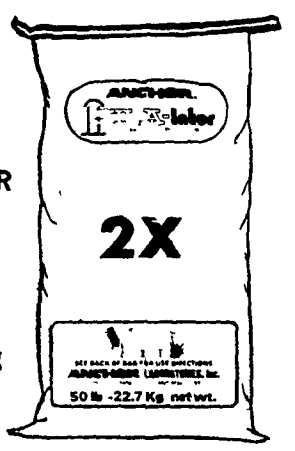

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Livestock market and auction news

Oklahoma Cattle

Thursday, May 21
Report supplied by USDA

Estimated Receipts 5,000
Same Day Last Week 3,119

Actual unloads will fall 1200 head short of the early estimate; 11,154 head sold at the Wednesday feeder cattle auction. Fairly active, feeder cattle over 500 lb. firm to .50 cents higher, instances 1.00 higher on thin fleshed offerings, offerings under 500 lb. in small supply and poorly tested. Majority receipts Medium Frame No. 1 and Mixed No. 1-2 500-850 lbs. feeder steers and 450-700 lbs. feeder heifers with a large percentage of these arriving from graze-out wheat pastures and growing pens. Fairly large attendance buyers.

FEEDER STEERS: Medium Frame No. 1 few 390-500 lbs. including bull calves 68.00-69.75, package 430 lbs. 74.90; 500-600 lbs. 62.75-68.60, few thin and gaunt 69.60-71.50; 600-700 lbs. 61.25-63.70, two lot thin 607-625 lbs. 65.50-69.00; 700-800 lbs. 61.00-62.55; 800-900 lbs. 60.00-61.70, package fleshy 1,006 lbs. 59.60. Large Frame No. 1 part load 943 lbs. 60.50. Small Frame No. 1 few packages and part load 565-832 lbs. 58.25-60.90. Medium and Large Frame No. 1-2 345-500 lbs. 60.00-68.25; 500-700 lbs. 58.75-63.00; 700-850 lbs. 57.00-60.50. Large Frame No. 2 400-736 lbs. 55.75-60.00; package 836 lbs. 52.25.

HOLSTEINS: Few 309-405 lbs. 61.80-63.00; 590-943 lbs. 50.75-52.40.

FEEDER HEIFERS: Medium Frame No. 1 few 416-446 lbs. 58.70-60.10; 500-600 lbs. 56.50-58.00; 600-700 lbs. 55.50-58.80; few 733-840 lbs. 55.70-56.90. Small Frame No. 1 few 486-670 lbs. 50.00-54.25. Medium & Large Frame No. 1-2 few 295-452 lbs. 53.00-58.25; few 537-646 lbs. 54.00-54.90. Medium & Large Frame No. 2 430-537 lbs. 49.50-53.25; few 600-636 lbs. 48.00-51.00.

FOR THE WEEK: Compared to late last week, feeder cattle over 500 lbs. closing steady to .50 cents lower after recovering most of the early sharp decline; feeder cattle under 500 lbs. poorly tested late but mostly 2.00-3.00 lower earlier in the week. Slaughter cows under pressure and mostly 1.00-2.00 lower, some sales 3.00 off; late sales Utility and Commercial 2-3 41.00-43.00 with High Dressing Utility cows absent late; low dressing and Yield Grade 4 40.50-41.25; Cutter 1-2 38.00-42.50, few Canner and Low Cutter 37.50-39.00; slaughter bulls 2.00-3.00 lower, instances 4.00 off, Yield Grade 1-2 1000-1800 lbs. 49.00-53.50. Salable receipts near 19,400 head compared to 11,898 last week. Feeder cattle and calves comprised the majority or fully 91% of the salable receipts, cows and bulls numbered near 1800 head and made up 9% of the total.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 18
Report supplied by auction

Reported receipts of 204 calves, 99 cows, 34 bulls, 25 heifers, 13 steers, 83 hogs, 16 lambs, 13 sheep. Cattle market reported higher, calf market reported much higher.

Holstein Heifer Calves to 152.50; Veal Calves, to 110.00; Bobs, 90 to 110 85.00-106.00; Bobs, 80 and down lbs. 70.00-80.00; Grassers & Feeders 48.00-68.00; Lambs 52.00-58.00; Sheep 18.00-33.00; Hogs, 200-250 lbs. 38.00-44.00; Sows 32.00-38.00; Boars 25.00-32.00; Pigs 15.00-33.00; Heifers 49.50-54.00; Steers medium 52.00-55.00; Steers, feeder 51.50-62.00; Bulls 49.00-57.00; Cows, utility 47.00-49.50; Cows, fat 43.00-46.00; Cows, medium 41.50-43.00; Cows, poor or small 32.00-39.75; Horses to 640.00; Ponies to 125.00; Goats 14.00-57.00.

G&M Livestock

Monday, May 18
Duncansville, Pa.
Report supplied by auction

Compared to last week, market report cows higher, steers higher, hogs higher.

STEERS: High Choice and Prime 65.00-67.20; Good to Choice 58.00-65.00; Standard to Good 52.00-58.00.

HEIFERS: Good to Choice 58.00-62.00; Other 48.00-58.00.

FEEDERSTEERS:. Good to Choice 300-500 lbs. 55.00-70.00.

BULLS: Bullocks 60.00-65.75; Bulls 1400-2000 lbs. 53.00-64.00; 900-1200 lbs. 54.00-60.00.

COWS: High Choice to Prime 50.00-52.50; few to 54.50; Good to Standard 46.00-50.00; Utility 42.00-44.00; Cutters 40.50-42.20; Canners Down to 38.00.

CALVES: High to Choice 90.00-201.00; Good to Choice 70.00-90.00; Standard to Good 60.00-70.00.

FEEDER PIGS: 1 lot 35 lbs. 29.00.

HOGS: 200-240 lbs. 43.00-44.50; 170-300 lbs. 39.00-43.00.

SOWS: 32.00-39.75.

BOARS: 30.00-34.50.

LAMBS: 50.00-72.50.

SHEEP: 15.00-36.00.

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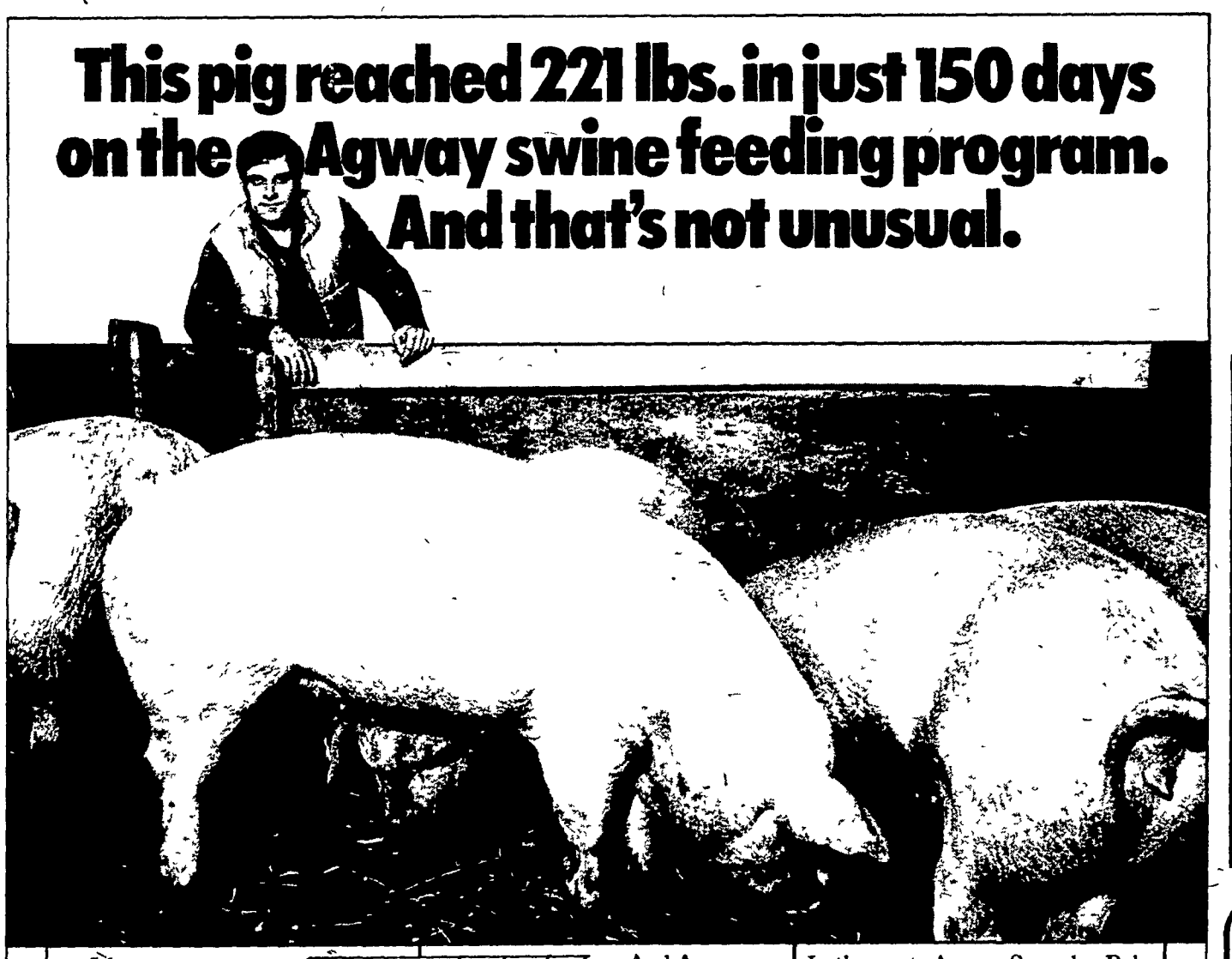
Directions to your home:

This pig reached 221 lbs. in just 150 days on the Agway swine feeding program. And that's not unusual.



It's no secret that feed is the single biggest cost in producing pork. That's why it pays to make sure your feeding program gets your pigs to market weight in the shortest possible time.

From Agway Squealer Pellets to Agway Pork Finisher, there's a farm-tested Agway feed nutritionally formulated for each stage of a pig's growth. Agway complete swine feeds provide all known nutritional needs, including energy, protein (amino acids), minerals and vitamins.

COMPLETE AGWAY SWINE FEEDS	% Protein	% Fat	% Fiber
Squealer Pellets (MX)	18	4 0	3 0
Pig Starter Pellets (PT-MX)	18	3 5	4 5
Hog Feed (T-20)	14	3 5	5 0
Pork Finisher (T-20) 4	12	3 5	5 0
4 of 8 Agway swine feeds available			

The farm tested Agway swine feed program can help make each of your pigs an ideal pig

And Agway also supplies a complete line of medicated feeds and supplements.

BACKED BY FEED TRIALS ON 1800 PIGS ANNUALLY.

Agway, in conjunction with other cooperatives, runs feed trials on 1800 pigs annually at the Agway Swine Research Farm in Lexington, Ill.

New feed ideas are constantly tested and proven, and the results incorporated into the Agway swine feeding program.

The ideal hog as defined by the American Pork Congress attains a weight of 220 lbs in 150 to 165 days It requires no more than 3 lbs of feed per each pound of gain, and delivers a loin 30 inches long with a loin eye of 5 square inches

In the past, Agway Squealer Pellets and Agway Starter Pellets were developed as the direct result of this program.

YOUR AGWAY SWINE EXPERT CAN TELL YOU MORE.

The latest research results and the details on the Agway swine feed program are available from your Agway Enterprise Serviceperson. Contact him through your local Agway.

Working for people who work the land

FARM ENTERPRISE SERVICE AGWAY

Off the Sounding Board

By Sheila Miller, Editor

Stewardship, a question of conscience, caring?

Although it may come as a surprise to most farmers, next week is a special one for those folks who till the soil. Starting tomorrow, Soil Stewardship Week begins — a celebration of the preservation and perpetuation of one of our nation's most valuable resources.

Conservation of the land is not a new idea in the world of agriculture. Conscientious farmers have been practicing it for years.

What's disturbing is how some of today's big, 'modern' farmers who have the latest machinery, read all the important periodicals from Wall Street Journal to Lancaster Farming, and attend every workshop offered by Extension, have failed to get the message.

Along any country road in any county, there are examples of good stewards and examples of the other kind — farmers who have opened up fields from boundary to boundary and planted acre upon acre of corn with no thought to erosion control.

Admittedly, there are some areas where this type of farming is O.K. — fields with practically no slope. But, these types of fields are usually inundated with water and are better left for bullfrogs and marsh birds.

Planning for conservation and erosion control takes time and most times some capital. It means farming fields across the slope so water doesn't rush down rows planted up and down over hills.

Realizing conservation farming isn't always easily applied, the federal government has provided incentives and technical assistance since the great Dust Bowl of the 1930s. Soil Conservation Service staff and Agricultural Stabilization and Conservation Service personnel provide engineering and financial help, respectively.

Despite the fact these two federal agencies have invested billions of dollars in conservation since their beginnings over 50 years ago, there still exists a tremendous erosion problem in this nation.

Each year, more than 6.4 billion tons of soil erode from the nation's farm, urban, and other nonfederal land reports Norman A. Berg, Chief of the USDA Soil Conservation Service.

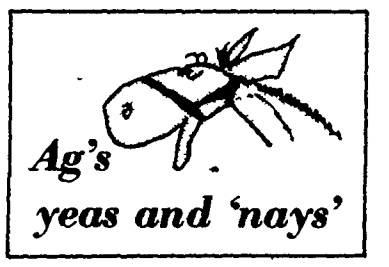
"In many areas, the rate of erosion seriously threatens long-term agricultural productivity," he said. "We have unacceptable erosion rates on more than 140 million acres of cropland.

"Erosion rates exceed acceptable levels on more than 295 million acres of cropland, pastureland, forest land, and rangeland. Scientists consider erosion tolerable when eroded topsoil can be replenished through natural processes.

"More than 6.4 million tons of soil is lost from wind and water erosion each year, and more than 5 billion tons erode from agricultural land," Berg added. "In Pennsylvania, 51 million tons erode from cropland annually, while 19 million tons erode wash from streambanks, gullies, construction sites, roads and roadsides

"Sediment, the greatest single water pollutant by volume, is an end product of soil erosion," he concluded.

Although some farmers would like to just ignore their erosion problems (those gullies get filled back in each spring after plowing), there are conservation groups and agencies that are keeping an eagle-eye on ag activities.



In a news release sent out May 4 by the National Wildlife Federation entitled "New Health Threat, Chemical Contaminants in Drinking Water: 'Environmental Horror Story of the '80s?'," Eckhardt C. Beck, a former Environmental Protection Agency official, explained: "Industrial discharges, agricultural and urban runoff and accidental spills combine to make many of our rivers and streams a lethal soup of organic chemicals."

NWF calls for total enforcement of the Clean Water Act of 1972 which says toxic discharges into the nation's waters must be eliminated or greatly reduced by July 1, 1984. They urge consumers and other environmental groups to band together to fight for water that is free of contaminants.

Still think nobody notices that topsoil washed into the road ditch by the thunder gusher last night? What about that murky water seeping across the barnyard lot and into the 'insignificant, little stream? Can't understand that herbicide trail in the wheat field next to last year's corn? Why is the best ground always at the bottom of the hill?

Let's face it, 1984 is only three years away and there's so much to be done. It's time farmers shoulder the yoke of stewardship instead of using it as a crutch to be picked up only when lame excuses for farming without conservation leave them sticking in the mud.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

ONE OFFERING ONLY
May 24, 1981

Background Scripture:
Hebrews 8 through 9.
Devotional Reading:
Ephesians 1:15-23.

One of the prevailing religious ideas in antiquity was that of sacrifice. In order for the gods or god to be appeased, his worshippers had to give him some gift. Invariably, the gift was always more efficacious if it was something valuable which the worshipper would not normally want to give up.

This concept was important in Judiasm and the primary purpose of the temple in Jerusalem was to serve as the place where sacrifice could be made to God. Sacrifice was given in exchange for help from the God, salvation from danger, healing from disease, and forgiveness of sin. The worshipper alone was not sufficient; he needed to bring an offering to God. Throughout his lifetime, the worshipper would make many offerings, because it was believed that no single offering could ever satisfy God for more than the moment.

But When Christ Appeared

The writer of the Epistle to the Hebrews addresses himself to this very concept when he speaks of Christ as the great High Priest. For with Christ, the old sacrificial system was no longer to continue. Things could not go on as they had before — "But when Christ appeared as a high priest..." (9:11). The Holy Place would no longer be a "place". The blood of sacrifice would no longer be that of sacrificial animals. The sacrifice, in fact, would forever be Christ himself. No longer would the worshipper look for an animal of sacrifice that was pure and unblemished, for Christ "offered himself, without blemish to God," to purify us from our sins.

Today the sacrificial system has little appeal or interest. It is utterly foreign to us and the little we know about is simply a by-product of our understanding of the religious scene in which Jesus practiced his ministry. Consequently, the writer of Hebrews with his concern to interpret the meaning of Christ to a people steeped in the sacrificial system seems to have nothing to say to us.

As It Is Appointed

Yet, no matter how foreign the sacrificial system may appear to us, many of us are nevertheless affected by a sacrificial type of religious psychology. Even though we realize how crude was the motivation behind the ancient system, in our own way we may still attempt to bargain and trade with God. Without verbalizing it as a sacrificial motivation, we live as though some kinds of self-denial earn us merit with God, favor, forgiveness, or special help. For many people on a Sunday morning the offering is not an opportunity to praise God, but something akin to "an apple a day" that "keeps the doctor away."

For us, then, as well as for the first century Christian church, the writer of Hebrews says: "And just as it is appointed for men to die once...so Christ, having been offered once to bear the sins of many" is the sufficient offering for all our encounters with God.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Control Poultry House Pests

The build-up of fly populations is becoming a serious problem in many poultry houses. One reason is the resistance that flies are showing to many of the materials now being used.

We must accept the responsibility that flies should be controlled at the source. One of the keys for control, is to use different materials at specified intervals to break the cycles. Keep in mind the life cycle of the fly is about 13 days, so as you are depopulating the adults, eggs are continuing to hatch until the cycle is broken.

If you have large fly populations in the bird area, you may need to use bait to reduce the adult numbers. Residual wall sprays are effective. Some newer materials such as Ectiban and Atroban, are showing results when applied to the wall surface and posts in the pit area. Rabon and Vapona are also giving control in some cases

Lesser mealworm and Hide beetles are a problem in many houses. The larvae stage of these beetles will burrow into wood, styrofoam or other solid material causing weakened structures and reduced insulation value Rabon. applied to the pit walls and posts, is effective.

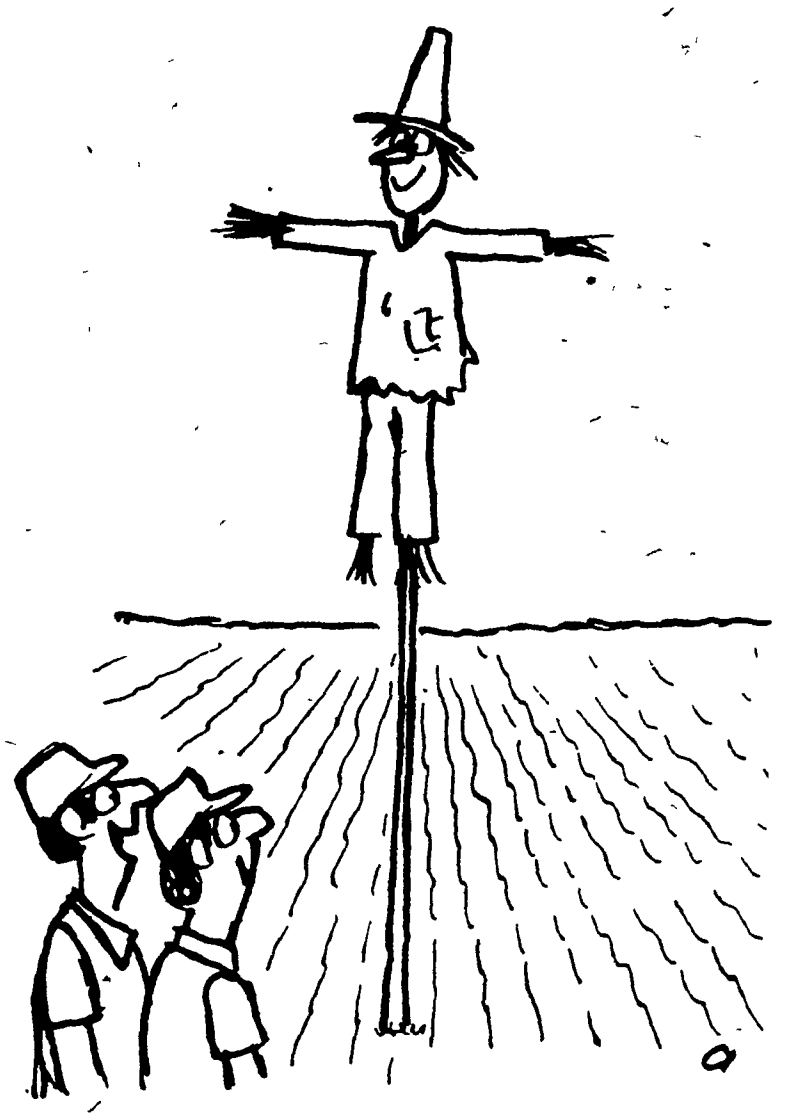
Be sure to follow the directions on the label and do not spray the birds or contaminate the feed or water.

To Be Alert For Gypsy Moth

All indications point to a heavy build-up of Gypsy Moth in many areas this year. The small gypsy moth worms have started to appear and will be eating foliage on all types of trees. We suggest the homeowners get prepared to protect their favorite trees because they will defoliate them

(Turn to Page A12)

HAY HAWS



Sure I practice soil stewardship, but I found it gives my corn more incentive to grow taller.

1
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BIG DEALS ON BIG WHEELS

2
OR A
BIG CASH BACK
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7080	$1500
7580	$2000
8550	$3000

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Milroy, PA
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B. EQUIP., INC.
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MECKLEY'S LIMESTONE PRODUCTS, INC.
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PETERMAN FARM EQUIPMENT, INC.
Carlisle, PA
717-249-5338

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HUGHES BROS. INC.
Westminster, MD
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VERNON E. STUP
Frederick, MD
301-663-3185

WERTZ GARAGE
Lineboro, MD
301-374-2672

Now Is The Time

(Continued from Page A10)

Spray materials such as Sevin, Imidan and Orthene will kill the worms that are present. Repeated sprays will be necessary in order to give any length to the protection. Woodlot owners may want to secure commercial sprayers that can make aerial application.

Gypsy Moth eradication is very difficult, however, some protection to private shade trees is possible with repeat applications.

Haylage and Hay Making

Good quality forages can help farmers generate more cash income with little to no additional expense, according to Glenn Shirk, Lancaster County Extension Dairy Agent. And, what farmer couldn't use that right now! Cows produce more milk and livestock gain more rapidly on higher quality forages. The need for purchased concentrates is also generally reduced. So if you are growing forages, concentrate on improving forage quality and improving nutrient yield per acre. Now is the time to start doing this.

Most important to quality is stage of maturity at time of harvest. For established stands of alfalfa, harvest the first cutting at the late bud stage; aftermath growth can be cut in the late bud to early bloom stage - about 35 to 42 days after the previous cutting and when the basal buds begin making new growth. To enhance the vigor and longevity of the stand, at least one of the cuttings should be allowed to bloom. Similarly, the first cutting of a new seeding of alfalfa should be made in the early bloom stage. Early harvesting increases your possibility for making two cuttings prior to the arrival of summer droughts and potato leafhoppers. It can also permit you to make one additional cutting per year.

Grasses should be cut in the boot stage of maturity, just as the heads are beginning to emerge.

Control Weeds in New Alfalfa

Good weed control in alfalfa is essential for minimizing competition for light, moisture, and plant nutrients. The best times to control weeds in alfalfa stands is at time of establishment, and in the crop preceding alfalfa. Now is a good time to observe new seedings closely. Many of the small weeds you see emerging can be controlled with a post-emergence application of 2,4-DB of dinoseb (Premerge 3), when the weeds are quite small.

Weeds should be less than an inch tall when 2,4-DB is applied. It will not kill grasses, but is effective against most broadleaf weeds except wild radish. it is weak on smartweed. On the other hand, dinoseb will control wild radish as well as most other broadleaf weeds, but it will not control grasses and late germinating weeds. Dinoseb is applied after the alfalfa has two trifoliate leaves, when the weeds are very small, and when air temperatures are between 65°F and 85°F.

These weed killers may not be needed even if you used a preplant-incorporated material. Be sure to read the label carefully and follow instructions.

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 16
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 71.00-77.00; Medium 66.00-70.75; Plain 65.00 and down; Good Heavy Steers 64.00-69.00; Medium 59.00-63.75; Plain 58.00 and down; Holstein Steers 43.50-53.50; Good Slaughter Steers 61.25 and down; Good Light Heifer Calves 56.00-61.50; Medium 51.00-55.75; Plain 50.00 and down; Good Heavy Heifers 49.00-54.00; Medium 44.00-48.75; Plain 43.00 and down; Slaughter Cows 43.00-49.50; Utilities 37.00-42.75; Canners & Cutters 36.75 and down; Milk & Stock Cows 595.00 and down; Stock Bulls 40.50-70.00; Slaughter Bulls 57.00 and down.

CALVES: Veal Calves 94.00 and down; Baby Calves 110.00 and down.

SHEEP & LAMBS: Choice Blue O 72.00; Good Red O 66.10; Slaughter Ewes 15.00-19.75.

HOGS: Top 42.00; Heavy 35.00-41.10; Medium 39.00; Sows 30.00-41.00; Boars 43.50.

Hunter's Auction

Monday, May 18
Rising Sun, Md.
Report supplied by auction

HEIFERS: Good to Choice 48.00-52.00.

FEEDER STEERS: Good to Choice 70.00-81.00; Standard to Good 61.00-68.00.

COWS: High Choice to Prime 46.50-48.25; Good to Standard 45.00-47.75; Utility 43.25-45.00; Cutters 42.50-43.00; Canners 39.75-42.00.

CALVES: Prime 180-240 lbs. 92.00-110.00; High to Choice 140-180 lbs. 89.00-98.00; Good to Choice 120-140 lbs. 85.00-92.00; Standard to Good 90-115 lbs. 85.00-96.00; Utility 75-85 lbs. 68.00-74.00; Low Utility 65-75 lbs. 55.00-64.00.

FEEDER PIGS: 20-30 lbs. $22 to $31 by hd.; 40-50 lbs. $28 to $36 by hd.

HOGS: 130-240 lbs. 39.50-42.50.
SOWS: 30.00-34.50.
BOARS: 28.00-32.00.
LAMBS: 15-25 lbs. 100.00-137.50.
GOATS: Billies $30 to $47 by hd.; Nannies $35 to $52 by hd.; Kids $18 to $34 by hd.

Farm Calendar

Today, May 23

Pa. Chicken Cooking Contest, N. Lebanon Area High School, Fredericksburg

Lancaster Forest Fire Crew Highville Country Fair, starts 10 a.m. at Fort Holbrook Fire Base

1981 Md. Pork Cookout Contest and Sugarloaf Springs Crafts Festival, Md. State Fairgrounds, Timonium, Md., 1:30

Tuesday, May 26

Ephrata Garden Spot Young Farmers dinner meeting, 6:45 p.m., Groff Store, Railroad Ave., New Holland

Thomasville 4-H meeting, 7:30, York County 4-H Center

Wednesday, May 27

Selinsgrove Young Farmers, Rt. 104 and 35 crossroads, 10 a.m., Benner/Boyer farm

Northeast Dairy Co-op Federation Inc., Rissers Restaurant, Stouchsburg, 8 p.m.

Friday, May 29

Dairy Promotion, 10 a.m.-1 p.m., Penn Harris Motor Inn, Camp Hill

Saturday, May 30

Bainbridge Mayfest, 4-9 p.m., at Nissley Vineyards, Rt. 441 near Bainbridge

Strawberry Festival and Farm Tour, Blevins Fruit Farm, Stewartstown, 9-5, rain date June, (I-83, Shrewsbury Ex. 1, Easton Rt. 851, south on Rt. 124 to farm).

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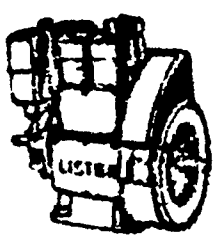

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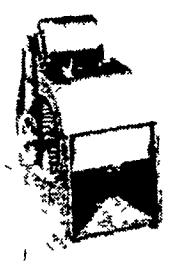
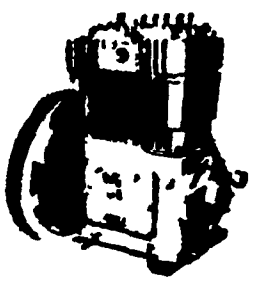


DEALER FOR QUINCY AIR COMPRESSORS



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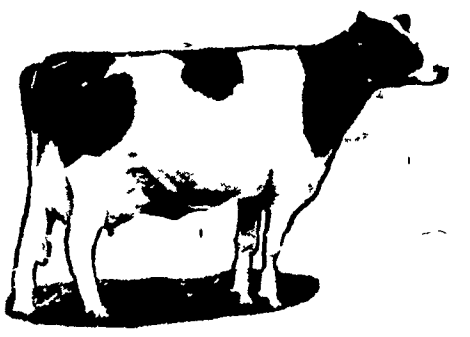
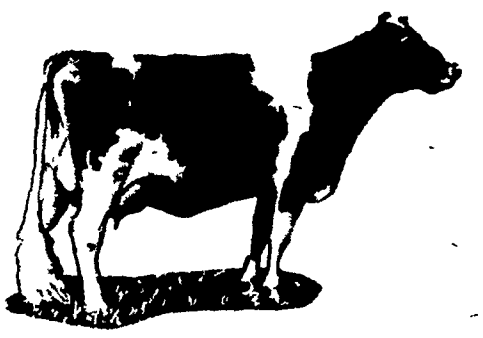


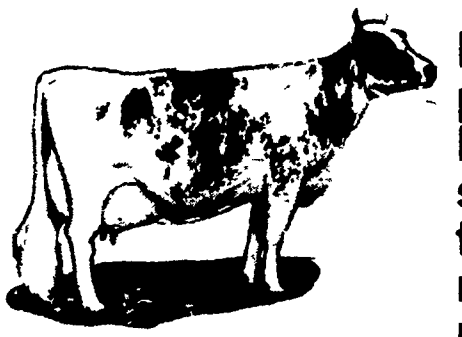
WHATEVER HERD YOU HAVE

☐ HOLSTEIN ☐ AYRSHIRE
☐ GUERNSEY ☐ JERSEY



FEED FLORIN

DAIRY FEEDS
TO YOUR HERD
TO MAKE MILK AND MONEY



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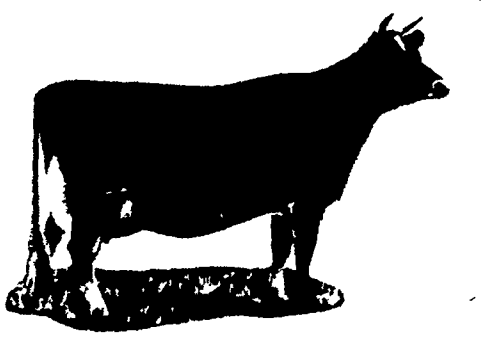

WOLGEMUTH BROS., INC.

MOUNT JOY, PA
PH: 717-653-1451

RELIABLE FLORIN FEEDS

Livestock market and auction news

St. Louis Cattle

Thursday, May 21
Report supplied by USDA

Compared with last week's close, slaughter steers steady to .50 lower. Slaughter heifers 1.00-1.50, instances 2.00 higher. Cows mostly 2.00 lower. Bulls .50-1.00 lower. Slaughter supply mainly Choice and Choice and Prime 2-4 1050-1200 lbs. steers, around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 65.00-65.50; 3-4 1020-1300 lbs. 63.00-64.50. Choice 2-4 950-1300 lbs. 64.00-65.00; couple packages 2-3 1000-1050 lbs. 65.25 and 65.50. Mixed Good and Choice 2-4 900-1175 lbs. 63.00-64.50. Good 2-3 900-1150 lbs. 61.00-63.00. Standard to mostly Good 2-3 1050-1350 lbs. holsteins 53.00-57.00, package 58.50. Standard 2-3 1125-1300 lbs. 49.50-52.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 62.50-63.50, closing 63.00-63.50; 3-4 900-1075 lbs. 60.00-61.50. Choice 2-4 800-1050 lbs. 61.00-63.00, closing 61.50-63 00. Mixed Good and Choice 2-3 700-1000 lbs. 60.00-61.50. Good 2-3 700-950 lbs. 58.00-60.00.

COWS: Closing week sales: Utility and Commercial 2-4 39.00-42.00. Boning Utility 1-2 42.00-43.00. Few High Yielding Holsteins 1-2 44.00. Cutter 1-2 38.00-41.00. Canner and Low Cutter 1-2 34.00-38.00.

BULLS: Yield Grade 1-2 1050-2500 lbs. 49.50-54.00, closing 49.50-53.75. Few Yield Grade 1 1250-1600 lbs. 55.00 early.

FEEDERS: (Including around 1,000 at the regular Thursday auction.) Feeder steers and heifers steady to firm, instances 1.00-2.00 higher on feeder heifers. Demand good for bulk of light to moderate supply. Overall quality not as attractive as last week with supply mainly Medium Frame 1 and Mixed 1-2 400-800 lbs. and 400-700 lbs. heifers.

FEEDER STEERS: Medium Frame 1: 425-550 lbs. 68.00-72.25; 600-700 lbs. 62.00-67.50; 700-875 lbs. 60.25-65.00. Medium Frame 1-2: 375-550 lbs. 62.50-66.25; Few lots 450-500 lbs. bulls 57.00-58.75. Large Frame 2 holsteins: Few lots 450-675 lbs. 53.50-58.00.

FEEDER HEIFERS: Medium Frame 1: 300-500 lbs. 58.25-62.00; 500-725 lbs. 57.00-58.50. Medium Frame 1-2: 350-650 lbs. 54.25-59.50.

COW AND CALF PAIRS: Medium Frame 1-2: Mostly middle-aged with baby calves at side 430.00-530.00 per pair.

Lancaster Weekly

(Continued from Page A12)

BULLOCKS: Choice 1050-1300 lbs. 54.50-59.00, few 59.00-62.75; Good 1000-1250 lbs. 50.00-54.50.

BULLS: Yield Grade 1 1400-1900 lbs. 54.00-58.50, few mainly early part of week 58.50-60.50, about 15 head 61.00-65.85; Yield Grade 2 1000-1450 lbs. 50.00-54.50, few 850-1050 lbs. 49.00-51.50.

VEAL CALVES: Vealers mostly steady with last week's close, although Choice and Prime scarce. Demand good for calves returned to farm.

VEALERS: One lot Prime special fed 335 lbs. 132.00; Choice 140-275 lbs. 106.00-116.00, few 116.00-126.00; high Good and low Choice 160-350 lbs. 85.00-100 00, 120-140 lbs. 75.00-90.00, 80-115 lbs. 62.00-75.00, few 60-85 lbs. 52.00-62.00.

RETURNED TO FARM: Bulk 90-120 lb. holstein heifers 135.00-175.00, several 180.00-198.00, few 80-95 lbs. 70.00-120.00; bulk 85-120 lb. holstein bulls 80.00-105.00, around 200 head 105.00-117.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, May 20
Market Courtesy by PDA

CATTLE 60. Compared with last week's market, slaughter cows about steady. Few Standard slaughter steers 50.25-55.75. Utility and Commercial slaughter cows 44.00-47, couple 47.85, few Cutters 43.00-44.75, few Canner and Low Cutters 36.50-42.10. Few Yield Grade #1, 1030-1450 lbs. slaughter bulls 52.00-57. Few Large Frame #1, 430-670 lbs. feeder steers 54.50-68.50.

CALVES 89. Few Choice vealers 88.00-96.50, few 70-95 lbs. 50.00-60. Farm Calves: Few Beef cross bulls 92.00-95, Hol. Bulls 85-120 lbs. 75.00-107; few Hol. Heifers 75-110 lbs. 85.00-140.00.

HOGS 230. Barrows and gilts 50 cents -$1 higher. US No. 1-2 2-265 lbs. barrows and gilts 44.50-45.35, No. 1-3 2-265 lbs. 41.85-44.10, few lots No. 2-3 250-290 lbs. 38.25-40.75. US No. 1-3 275-550 lbs. sows 35.00-37.75. Few Boars 28.00-31.00.

FEEDER PIGS 338. US No. 1-3 20-35 lbs. feeder pigs 22.00-30 per head, No. 1-3 35-50 lbs. 27.50-36, few 44.00 per head.

SHEEP 12. Few Choice 40-90 lbs. spring slaughter lambs 63.00-79.50; few Choice 90-110 lbs. wooled slaughter lambs 70.00-74. Few Slaughter ewes 12.00-18.00.

HOLSTEIN DAIRY COWS $710-$1400 per head, one $2,000.

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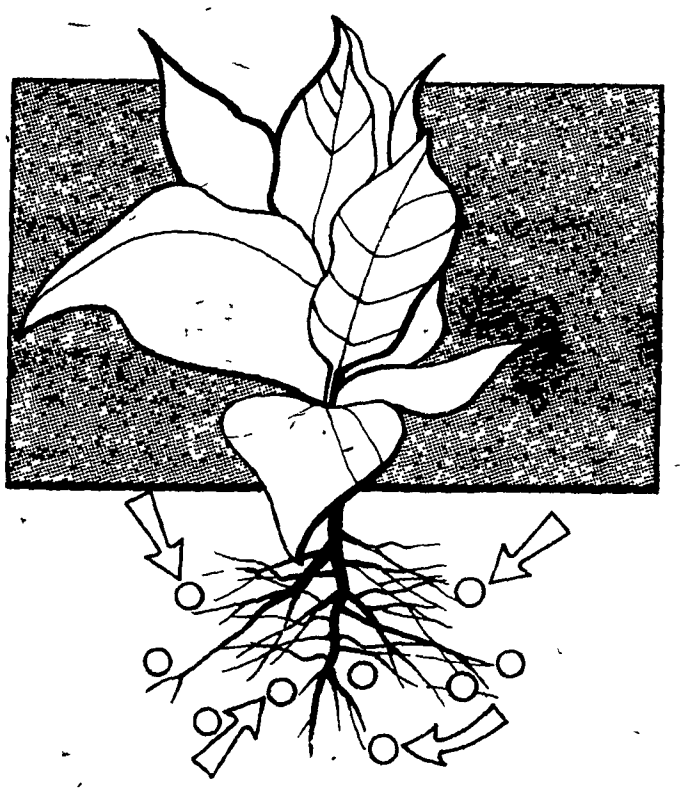

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'Thoroughbred' tractors lead the field, finish first

COLLEGE PARK, Md. — For the past several decades the entire farm tractor industry has been moving in a well-defined product pattern.

What has evolved from the drawing boards of the tractor designers during this time is a sleek and trim, high-powered thoroughbred vehicle that weighs less and is able to farm faster, notes Gary L. Smith, Extension Agricultural Engineer at the University of Maryland.

These new tractors are definitely more efficient, more manageable, more productive and certainly more appropriate for the time," he claims.

Industry averages for performance of tractors have shown a dramatic decline in both the ballasted and unballasted weight. Since the early 1960's, the average ratio of ballasted tractor weight to PTO/HP has decreased from 160 pounds per PTO horsepower to an average of 115 pounds.

"Many people have failed to recognize this significant trend and its multiple implications," says Smith. "Though several tractor manufacturers have alluded to the high horsepower-to-weight tractor in the past, the concept has not been aggressively promoted."

This concept of higher horsepower-to-tractor weight means today's farmer can increase production by using what has been coined 'The Rapid Farming System'.

"If he purchases a tractor with 25 percent more horsepower than the one he is using, he can cover 20 percent more ground using the ground working tool he already owns, assuming conditions will let him travel faster," states Smith. "A 100 hp tractor pulling your 20 ft. disk harrow at 4 mph could effectively cover 8 acres per hour; where 125 hp tractor pulling the same 20 ft. disk harrow at 5 mph will effectively cover 10 acres per hour."

The alternative to going faster using the same implement is, of course, to use the extra horsepower to pull a new, wider implement, adds Smith. But it is a mistake to assume that, in all cases, 25 percent more horsepower will necessarily let you increase the implement size by the same amount.

Drawbar horsepower is a function of speed as well as drawbar pounds pull. Therefore, you can transmit more drawbar horsepower at higher speeds, Smith explains.

"You will find that most problems of excessive wheel slippage occur when tractors are overhauled at the drawbar and required to go to lower travel speeds, 4 mph or less. By farming at higher travel speeds with the proper sized implement, you lower draft forces and improve traction.

Smith suggests farmers always match implements so they can travel at 5 mph or faster. Ideally, the implement is then sized correctly to the tractor.

There are, of course, some field conditions that will necessitate a slower than 5 mph speed.

"If you are disking diagonally to the corn row, you should shift down and go slower. Certainly, if you select an implement too large for this operation, you will again be overloading and straining your tractor," Smith cautions.

Deputy Ag Secretary signs wheat agreement extension

WASHINGTON, D.C. — Deputy Secretary of Agriculture Richard E. Lyng signed protocols for extending the International Wheat Agreement of 1971, which was due to expire on June 30. The protocols will be submitted to the Senate for ratification.

The Wheat Trade Convention of 1971 and the Food Aid Convention of 1980 together comprise the International Wheat Agreement of 1971. The protocols for a two-year extension of the conventions were adopted in London on March 6, 1981.

This sixth extension of the Wheat Trade Convention, like the five previous extensions, maintains the framework for international cooperation in wheat trade matters. The extension will authorize the International Wheat Council to continue to collect, analyze and disseminate data on the international wheat situation, particularly regarding supply, demand, trade and prices.

Similarily, the first extension of the Food Aid Convention of 1980 maintains the parties' commitments to provide minimum annual quantities—totaling 7.6 million metric tons annually—of food aid to developing countries. For the United States, this commitment amount to 4.47 million tons.

Present at the signing were representatives of the National Association of Wheat Growers, and U.S. Wheat Associates.

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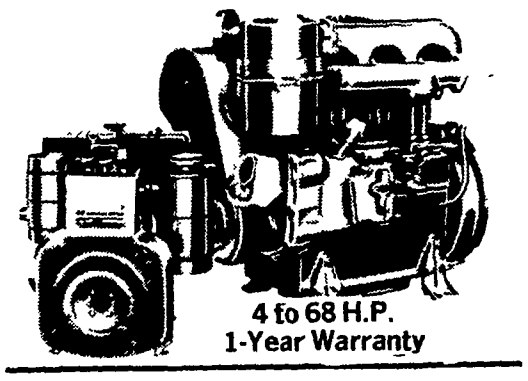

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MORE MORE 25

HAMILTON BANK

David and Jane Hess discussing their farm records with John Moose, Assistant Director of Hamilton Bank's Agri-Finance Department The Hess Family operates a 70 cow dairy farm on Second Lock Road, R D #6, Lancaster

Livestock market and auction news

Omaha Cattle

Thursday, May 21
Report supplied by USDA

Through midweek slaughter steers and heifers 75-1.00 higher. Cows 2.00-2.50 lower. Bulls 1.50-2.00 lower.

Four day receipts 11,500, last week 13,550, year ago 13,950.

Curtailed receipts, caused partially by heavy rains in the drama trade area. Were the main factor in the week's advance; as many interests forced to compete for close-up slaughter requirements.

The carcass trade followed an erratic pattern but through Wednesday stood steady to 1.00 higher for the week; however, boxed beef items were in a declining trend.

Steers made up 53 pct of the week's receipts, heifers 32 pct, cows 9 pct, feeders 4 pct.

STEERS: At midweek, two loads choice, some prime mostly 3 1125 lbs. 67.75; three loads same grade 1225-1275 lbs. 67.50. Choice 2-4 1050-1350 lbs. 66.50-67.25. Choice, some prime 3-4 1200-1425 lbs. 64.75-66.00. Mixed Good and Choice 2-3 1000-1250 lbs. 65.50-66.50 Good 63.00-65.00. Few Mixed Good and Choice 2-3 and Good 1200-1350 lb. Holsteins 58.50-60.50.

HEIFERS. Choice 2-4 900-1100 lbs. 65.50-66.25. Mixed Good and Choice 2-3 900-1050 lbs. 64.00-65.25. Good 61.50-64.00.

Average of LS-214 detailed quotations for Choice 900-1100 lb. steers 66.55; 1100-1300 lbs. 66.82. Average cost steers this week 66.03, average weight 1181 lbs. As compared 66.41 and 1185 lbs. a week ago. Average cost heifers this week 64.94, average weight 1007 lbs. as compared 65.18 and 1016 lbs. a week ago.

COWS: High cutter, Utility and Commercial 1-3 42.00-43.00 few high dressing 44.00. Canner and Cutter 40.00-42.00.

BULLS: Few 1-2 1200-1800 lbs. 50.00-54.00.

Leesport Auction

Leesport, Pa.
Wednesday, May 20
Report supplied by PDA

CATTLE 379. Supply included 139 head feeder cattle. Compared with last Wednesday's market, slaughter steers grading Standard & Good weak to 1.50 lower. Slaughter cows weak to 1.00 lower. Choice 1000-1200 lbs. slaughter steers 62.60-64.60, one at 66.00, Good & Choice holsteins 1275-1480 lbs. 54.85-57.60, Good 58.00-62.35, Standard 53.00-56.25, Utility & Low Standard 47.50-52.60. Few Choice slaughter heifers 58.00-60.85, one Good at 54.00. Utility & Commercial slaughter cows 44.50-46.10, few to 49.00, Cutters 43.25-47.10, Canner & Low Cutter 41.50-44.25, Shells down to 36.00. Few Good slaughter bullocks 57.75-59.75, one at 63.50, few Standard 53.60-57.25. Yield grade #1 1200-2100 lbs. slaughter bulls 53.10-59.25, few to 63.50; yield grade #2 900-1250 lbs. 47.25-55.00. Large & Medium Frame #1 330-560 lbs. feeder steers 65.00-71.00, few Large Frame #1 750-980 lbs 54.00-59.25, Large Frame #2 600-976 lbs. 48.00-53.75; few Large Frame & Medium Frame #1 400-600 lbs. feeder heifers 50.00-59.50; Large & Medium frame #1 500-670 lbs feeder bulls 54.50-63.50.

CALVES 100. Vealers uneven One Prime vealer at 109.00, Choice 100.00-108.00, Good 90.00-96.50, few Standard & Good 85-110 lbs. 65.00-70.00, few Utility 50-110 lbs. 50.00-60.00. Farm calves, holstein bulls 90-125 lbs. 88.00-104.00; few holstein heifers 90-120 lbs. 115.00-170.00; few beef cross bulls & heifers 75-110 lbs. 86.00-107.50; few Good & Choice slaughter calves 260-325 lbs. 66.00-80.00.

HOGS 316. Barrows & gilts .25 to .75 higher. US No. 1-2 205-235 lbs. barrows & gilts 44.85-45.60, No. 1-3 200-250 lbs. 44.00-45.10, few 190-195 lbs. 43.10-44.10, few No. 2-3 250-265 lbs. 42.10-43.75, few No. 1-3 155-185 lbs. 36.00-39.00. Sows strong to $2 higher. US No. 1-3 300-650 lbs. sows 36.25-40.00. Boars 32.00-33.00.

FEEDER PIGS 305. US No. 1-3 20-30 lbs. feeder pigs 74.00-91.00 cwt., No. 1-3 30-70 lbs. 56.00-74.00, No. 1-3 100-145 lbs. 41.50-47.00, one lot Utility 30 lbs. 48.00 cwt.

SHEEP 32. Few Choice 30-55 lbs. spring slaughter lambs 102.00-112.50, few 55-70 lbs. 81.00-91.00, one at 97.00, few Good & Choice 50-75 lbs. 60.00-68.00. Slaughter sheep 12.00-17.00.

GOATS 18. few Large Goats 35.00-67.00 per head, large kids 20.00-33.00 per head, few small kids 13.00-20.00 per head.

Western Maryland Livestock

Westminster, Md.
Tuesday, May 19
Report supplied by auction

BUTCHER COWS: $1.00 lower. High Yield 46.50-48.00, one to 49.00; Standard & Utility 43.50-46.00; Canners 41.00-43.50; Shelly 42.00 Down. Bulls few offered, Standard to 53.85. Steers Choice 2-4 62.00-64.50; Good 58.00-62.00. Heifers Choice 2-4 58.50-59.50; Good 54.00-56.00.

BUTCHER HOGS: $1.50 higher. Few US #1&3 215-240 lbs. 43.50-44.00; US 1&3 200-240 lbs. 42.50-43.25; US 1&2 270-290 lbs. 41.25-42.50; US 1&3 265-310 lbs. 34.25-39.00. Sows US 1&2 350-650 lbs. 39.00-40.75; US 1&3 35.00-38.50. Boars 400-750 lbs. 34.25-34.50; 300-400 lbs. 30.50-33.00.

VEAL CALVES: Big calves, steady-light calves $3 higher. Good & Low Choice 82.00-90.00; Standard 70.00-80.00; Stocky & Thin 50.00-70.00; Killers 80-100 lbs. 67.00-76.00; Weak & Rough 66.00 Down.

CALVES RETURNED TO FARM: Good demand! Holstein Heifers few 95-115 lbs. to 150.00; Holstein Bulls Bulk 95-115 lbs. 90.00-104.00. Beef Type Bulk 80-120 lbs. 85.00-110.00; One to 169.00.

SPRING LAMBS: Choice 95-115 lbs. 70.00-72.50; Good & Low Choice 65.00-70.00; Choice 70-90 lbs. 64.00-69.00; Good 60.00-65.00; Few 35-55 lbs. 51.00-61.00; Sheep Good 18.00-24.00; Medium 10.00-18.00.

STOCK CATTLE: Lighter run, $2 under last week. Steers Choice 300-500 lbs. 65.00-70.00; Good 60.00-65.00; Choice 500-700 lbs. 66.00-69.00; Good 55.00-64.00. Heifers Few Choice 300-500 lbs. 58.00-60.00; Good 50.00-57.00; Good & Choice 500-700 lbs. 45.00-54.00. Bulls Choice 300-500 lbs. 64.00-71.00; Good 55.00-64.00; Good & Choice 500-700 lbs. 48.00-60.00.

PIGS AND SHOATS: Good run - Good demand. By the Head 15-30 lbs. 15.00-22.00; 30-60 lbs. 20.00-30.00; 60-90 lbs. to 39.00. By the Lb. 100-160 lbs. 33.00-39.00.

GRAIN SYSTEMS

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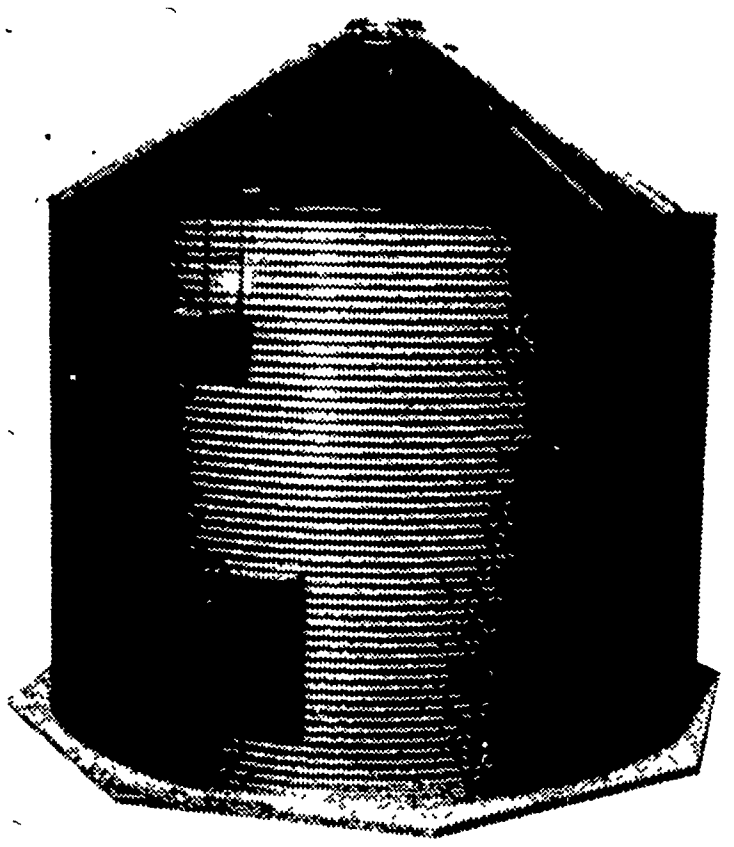

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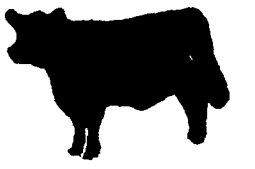

Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
Tuesday, May 19
Report supplied by auction

CATTLE: STEERS: Good 56.25-59.75; Standard 48.00-54.00. HEIFERS: Standard 49.75. COWS: Utility & Commercial 44.85-48.00; Cutter 40.75-45.00; Canner & Low Cutter 38.00-42.00.

FEEDER STEERS: 55.00-77.00.

CATTLE HEIFERS: 54.00-70.00.

BULLS: 58.00-66.00.

CALVES: VEALERS: Good 90.00-105.00; Standard & Good 70.00-95.00.

FARM CALVES: Hol. Bulls 74.00-100.00; Hol. Heifers 140.00-160.00.

HOGS: Barrows & Gilts US No. 1-2 44.50-46.35; US No. 1-3 42.50-44.25.

SOWS: US No. 1-3 35.00-37.00; No. 2-3 36.00-39.50.

FEEDER PIGS: US No. 1-3 18.00-25.00; No. 1-3 24.00-29.50.

SHEEP: LAMBS: Good 66.00-71.00.

Belknap Livestock Auction

Wednesday, May 20
Market Courtesy of PDA

CATTLE 84. Compared with last week's market, slaughter cows mostly $2 lower. Individual Choice slaughter steer at 60.75, one Good at 58.00, few Standard 54.50-55. Few Good slaughter heifers 55.00-59, few Standard 47.00-53.50. Few Utility and Commercial slaughter cows 44.25-46.25, Commercial 4-5 38.75-42.50, Cutters 42.00-44.25, Canner and Low Cutters 36.00-42, Shells down to 32. Few Yield Grade #1, 1235-1645 lbs. slaughter bulls 52.00-55.75, one #2, 1715 lbs. at 47.00. Few Medium and Large Frame #1, 350-530 lbs. feeder bulls 44.00-54.

CALVES 8 Vealers grading good and choice $5-$10 lower, Standard strong to $5 higher. Choice vealers 79.00-87.50, Good 72.00-80, Standard 60.00-71, Standard and Good 70-100 lbs. 60.00-74, few Utility 50-80 lbs. 50.00-61. Farm Calves: Hol. Bulls 75-90 lbs. 70.00-88, 95-125 lbs. 95.00-105; few Hol. Heifers 70-80 lbs. 69.00-76, 85-160 lbs. 85.00-132.50; Beef cross bulls and heifers 60-100 lbs. 73.00-122.50.

HOGS 374. Barrows and Gilts weak to 50 cents lower US No. 1-2 210-245 lbs. barrows and gilts 45.00-45.90, No. 1-3 2-250 lbs. 43.60-45, No. 2-3 210-265 lbs. 41.50-43.50, lot 287 lbs. at 41, No. 1-3 170-195 lbs. 35.00-41.40. Sows steady. US No. 1-3 270-515 lbs. sows 34.75-40, Utility 275-380 lbs. 25.50-31.25. Boars 22.00-29.50.

FEEDER PIGS 85. US No. 1-3 15-30 lbs. feeder pigs 12.00-19 per head, No. 1-3 30-45 lbs. 18.00-26 per head, few No. 1-3 110-145 lbs. 36.00-39 Cwt. Utility (lot) 105 lbs. at 25.00 per hundredweight.

SHEEP 12. Lot Mixed Good and Choice 80 lbs. spring slaughter lambs at 60.00. Lot Good 60 lbs. shorn lambs at 40.00. Lot Slaughter ewes at 19.25.

Indiana Auction

Thursday, May 21
Report supplied by PDA

CATTLE: 183. Compared with last market: Sl. cows steady to strong. Sl. heifers: few Choice 57.50-59.00; few Good 55.00-57.50; Standard 48.50-53.75. Sl. cows: Utility & Commercial 45.00-48.25; Commercial 4-5 38.00-44.00; Cutters 43.00-46.75; Canner & L. Cutter 37.00-43.50; Shells down to 27.75. Sl. bullocks: Standard 47.00-51.00. Sl. bulls: Yield Grade No. 1, 1050-1930 lbs. 51.00-58.75; few Yield Grade No. 2, 1020-1270 lbs. 44.75-49.75.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 360-600 lbs. 56.00-65.00; Large Frame No. 2, 500-775 lbs. 42.00-47.50. Heifers, Medium & Large Frame No. 1, 350-650 lbs. 52.00-61.00; Medium & Large Frame No. 2, 520-700 lbs. 38.00-46.00.

CALVES: 64. Vealers about steady. Choice 88.00-96.00; few Good 85.00-91.00; 70-100 lbs. 67.00-76.00.

FARM CALVES: Hol. Bulls 95-130 lbs. 77.00-99.00; (few) Hol. Heifers 90-135 lbs. 89.00-102.00; Beef Cross Bulls & Heifers 60-130 lbs. 73.00-88.00.

HOGS: 104. Barrows and gilts mostly 2.00 higher. US No. 1-2 210-240 lbs. at 46.00; No. 1-3 210-250 lbs. 44.00-45.50, No. 2-3 215-265 lbs. 42.50-44.00; No. 1-3 105-135 lbs. 34.00-43.00; Sows steady; US No. 1-3 265-490 lbs. 33.50-36.50. Couple Boars 31.75 & 32.25.

SHEEP: 10. Few Choice 85-90 lbs. 77.00-80.00. Sl. ewes: 12.00-24.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, May 19
Report supplied by auction

CATTLE 244. Choice slaughter steers 64.00-65.85, Good 58.00-64.75, Standard 55.00-58.00, Utility 48.00-55.00. Choice slaughter heifers 60.00-63.35, Good 55.00-60.00, Standard 50.00-55.00, Utility 45.00-50.00. Utility and Commercial slaughter cows 45.00-48.00, few 49.00, Cutters 43.00-47.00, Canner and Low Cutters 40.00-43.00, Shells down to 34.00. Choice slaughter bullocks 59.00-61.50, Good 55.00-59.00. Yield Grade No. 1, slaughter bulls 52.00-59.75, #2, 50.00-52.00. Good 350-750 lbs. feeder steers 52.00-65.00.

CALVES 131. Prime vealers 95.00-102.00, Choice 85.00-95.00, Standard and Good 90-120 lbs. 70.00-85.00, 70-90 lbs. 50.00-70.00. Farm Calves: Hol. Bulls 90-120 lbs. 80.00-105.00; Hol. Heifers 80-175 lbs. 100.00-190.00.

HOGS 540. (Mon. 5-18-81) US No. 1-2 210-235 lbs. barrows and gilts 45.00-46.10, No. 1-3 200-250 lbs. 44.00-45.00, No. 2-3 190-270 42.00-44.00. US No. 1-3 300-520 lbs. sows 37.75-40.00, No. 2-3 230-405 lbs. 30.00-36.50. Boars 220-655 lbs. 32.25-34.50.

FEEDER PIGS 111. US No. 1-3 10-20 lbs. feeder pigs 10.00-20.00 per head, No. 1-3 20-40 lbs. 20.00-35.00 per head.

SHEEP 10. Choice spring slaughter lambs 70.00-73.50, Good 65.00-70.00. Slaughter ewes 20.00-25.00.

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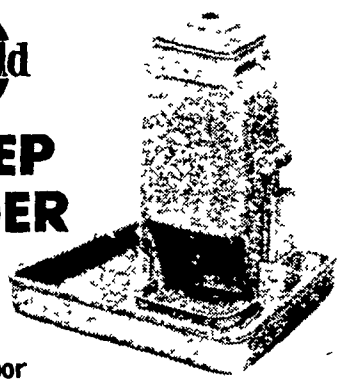

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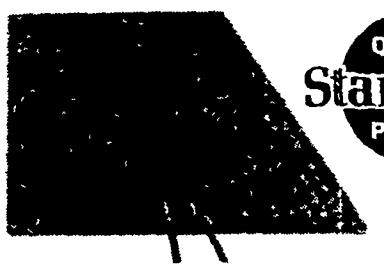

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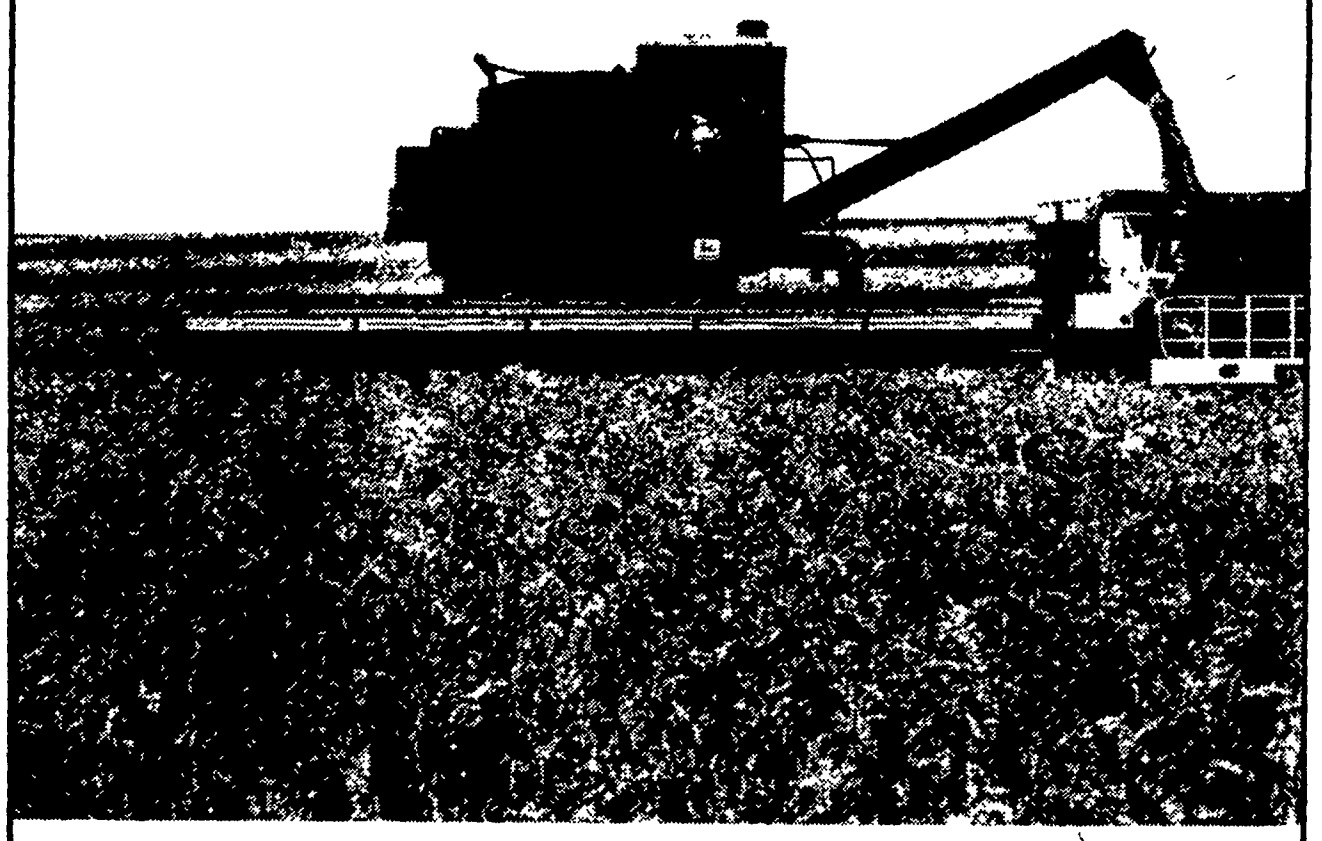

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ORTHO PARAQUAT CL

Livestock market and auction news

Chambersburg Auction

Thursday, May 21
Report supplied by PDA

CATTLE: 383. Compared with last Thursday's market: Slaughter steers about steady; Sl. cows 1.00-2.00 lower; Sl. bulls 3.00 lower. Sl. Steers Choice No. 2-4, 1000-1200 lbs. 63.35-66.50, few Holsteins down to 60.00; Good 57.50-60.00; Standard 53.00-57.00. Sl. heifers: few Choice 58.00-61.85; few Good 53.00-58.00. Sl. cows: Utility & Commercial 44.00-48.00; Cutters 42.50-46.75; Canner & L. Cutter 37.50-42.50; Shells down to 35.00. Sl. bullocks: few choice 56.00-64.75; few Good 53.50-55.00. Sl. bulls: Yield Grade No. 1, 1000-1900 lbs. 49.50-57.50.

FEEDER CATTLE: Steers, Large Frame No. 2, 350-650 lbs. 50.50-59.00. Bulls Large Frame No. 2 500-850 lbs. 45.00-56.00.

CALVES: 351. Vealers 1.00-6.00 higher. Few Prime 104.00-108.00; Choice 93.00-103.00; good 80.00-92.00, 70-90 lbs. 69.00-79.00

FARM CALVES: Hol. Bulls 85-125 lbs. 79.00-122.00; Hol. Heifers 75-140 lbs. 80.00-180.00. Few Beef Cross Bulls & Heifers 79.00-127.50.

HOGS: 99. Barrows and gilts 1.50 higher. Lot US No. 1-2 235 lbs. at 45.50 No. 1-3 220-240 lbs. 43.50-45.25; Sows US No. 1-3 300-550 lbs. 33.00-36.00. Boars 28.00-33.00.

FEEDER PIGS 51. Few lots US No. 1-3 20-35 lbs. 19.00-28.00 per head; lot No. 1-3 90 lbs. at 39.00.

SHEEP: 18. Spring sl. lambs few Choice 75-90 lbs. 63.00-68.00. Few Sl. ewes: 17.50-30.00.

New Holland Dairy

New Holland, Pa.
Wednesday, May 20
Report supplied by auction

Reported receipts of 99 cows, 62 heifers, and 11 bulls. Market stronger; cow market steady.

Load of Pa. fresh cows, 1200.00-1300.00; Load of Butler Co. springers, 725.00-1290.00; Load of Luzerne Co. springers, 1085.00-1390.00; Load of N.Y. purebred & grade cows, 975.00-1575.00, springers 1200.00-1650.00; Load of Pa. fresh cows, 1140.00-1325.00; Load of Pa. fresh cows, 930.00-1100.00.

Herd of 25 head, all stages 440.00-1175.00.

Locally consigned cows 520.00-1200.00; Springing heifers 850.00-1300.00; Open heifers 400.00-750.00; Bulls 330.00-730.00.

Short Bred: 800.00-1150.00.

Pa. Auction Summary

Friday, May 22
Report supplied by PDA

CATTLE: 7181. Compared with 7289 head last week, and 6474 head a year ago. Compared with last week's market: Slaughter steers .25-1.00 lower; Sl. heifers steady - 1 00 lower, Sl. cows mostly 1.00 lower, spots 3 00 lower; Sl. bullocks & bulls weak - 1.50 lower Sl. steers. High Choice & Prime No. 3-4 64.75-67.25; Choice No. 2-4, 62.75-67.50; Good 57 50-63.00; Standard 53.00-57.00. Sl. heifers. Choice 58 00-61.85, few 63.35; Good 55.00-59.00; Standard 50.00-55.00. Sl. cows: Utility & Commercial 45 00-48.00 few 49.00, Cutters 42.00-47.00; Canner & L Cutter 36.00-43.50; Shells down to 30.00. Sl. bullocks: Choice 59.00-62.50; Good 53.50-59.00; (few) Standard 51.00-57.00. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 52.00-59.75; Yield Grade No. 2, 900-1600 lbs 48.00-54.50.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 300-550 lbs. 58.00-71.00. Heifers, Medium & Large Frame No. 1, 300-750 lbs. 50.00-60.00; Bulls Medium & Large Frame No. 1, 300-650 lbs. 53.00-63.50.

CALVES: 2723. Compared with 2829 head last week and 2618 head a year ago. Vealers Good & Choice steady - 5.00 lower, Standard & Good 5.00 higher. (few) Prime 104.00-116.00; Choice 88.00-108.00; Good 80.00-96.00; 90-120 lbs. 55.00-85.00; 65-90 lbs. 60.00-75.00; Utility 50-100 lbs. 50.00-61.00, few down to 40.00.

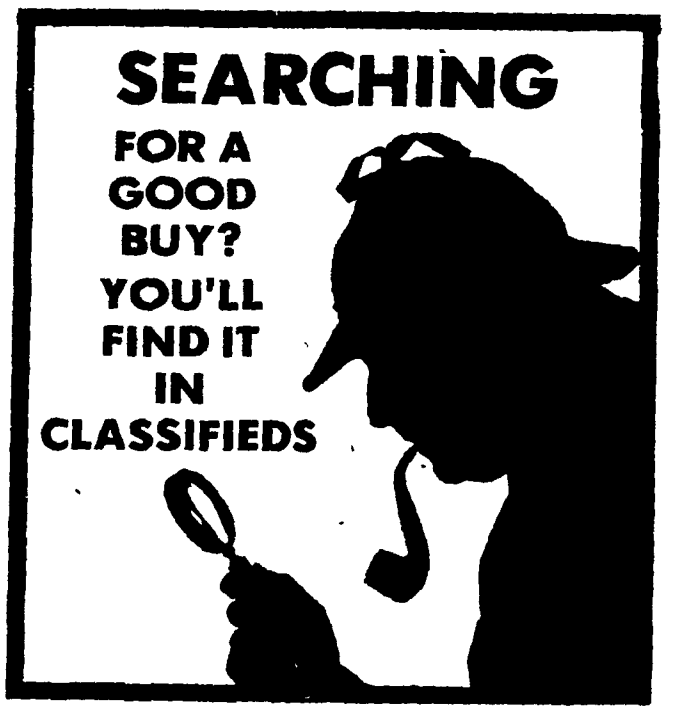
FARM CALVES: Active. Hol. Bulls 80-130 lbs. 70.00-122.00, mostly 80.00-108.00; Hol. Heifers 85-140 lbs. 80.00-190.00, mostly 100.00-160.00. Beef Cross Bulls & Heifers 70-100 lbs. 73.00-122.50.

HOGS: 5344. Compared with 7284 head last week and 7775 head a year ago. Barrows and gilts steady - .50 lower, spots 2.00 lower. US No. 1-2 200-240 lbs. 44.00-46.10 No. 1-3 200-250 lbs. 43.00-45.00; No. 2-3 200-275 lbs. 39.00-43.50; No. 1-3 140-190 lbs. 36.00-41.75; Sows steady - 2.00 higher. US No. 1-3 300-575 lbs. 35.00-40.00; No. 2-3 300-650 lbs. 30.00-36.50. Boars 29.00-35.50, few down to 22.00.

FEEDER PIGS 1131. Compared with 1033 head last week and 1680 a year ago. 1.00-5.00 lower. US No. 1-3 20-35 lbs. 13.00-24.50 per head; No. 1-3 35-50 lbs. 20.00-36.00.

GRADED FEEDER PIGS: 3540. Compared with 2397 head last week, and 3732 head a year ago. All sales by CWT. Feeder Pigs uneven but mostly 2.00-8.00 higher. US No. 1-2 25-40 lbs. 64.00-86.00, 40-50 lbs. 65.00-81.00, 50-60 lbs. 64.00-77.00, 60-70 lbs. 60.00-69.00; US No. 2-3 30-40 lbs. 61.00-70.00, 40-60 lbs. 49.00-67.00.

SHEEP: 644. Compared with 605 head last week and 857 head a year ago. Spring sl. lambs steady to strong. (few) Choice 30-50 lbs. 90.00-112.50, 50-100 lbs. 70.00-90.00; (few) Good 35-90 lbs. 55.00-70.00. Sl ewes: 12.00-25.00, few 31.00.



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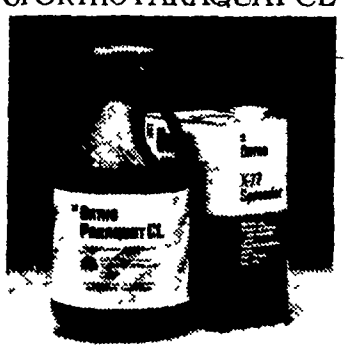

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Micronutrients, when does it pay to apply them?

NEWARK, Dela. — Increased cost of production is forcing farmers to strive for maximum yields with the greatest possible efficiency.

This means identifying and eliminating every limiting factor Micronutrient needs of crops are one area of concern for farmers trying to boost yields without excessive costs.

Micronutrients like boron, manganese, zinc and copper are just as essential to plants as nitrogen or phosphorus, but they're needed in much smaller amounts — usually 1 or 2 per acre, or not much more than a handful.

Because so little is used, the likelihood of deficiencies is much less than for the so-called major nutrients, which are applied in much greater quantities, says University of Delaware extension soil specialist Leo Cotnoir.

Boron has received the most attention in recent years. Two pounds per acre of actual boron is routinely recommended for high boron requiring crops like alfalfa. Cauliflower, asparagus, cabbage and tomatoes have moderate requirements. One to two pounds per acre should be applied to these high cash value crops.

The most convenient was to apply boron is by mixing in the proper amount with your other fertilizer. How much you add will depend on the rate at which you expect to use the other fertilizer.

Does it pay to apply boron to corn? This crop has a low boron requirement.

Currently available soil tests have a very poor track record when it comes to predicting crop response to added boron. Plant analyses do a little better, but they're far from infallible. And by the time a boron deficiency is determined, it's too late to do anything about it.

Responses to boron are more likely in very wet years and on irrigated fields, says the specialist. When increased yields do occur, they're usually in the 4 to 8 bushel per acre range.

Everything considered, it appears that $2 to $3 invested for boron may return $10 to $20 in one out of five years — probably more frequently on high-yielding, irrigated fields.

Boron for corn may be mixed with dry fertilizer or placed in the nitrogen solution. Use ½ to 1 pound per acre.

Soybeans, snap beans and limas have very low boron requirements. These crops seldom respond to this micronutrient and are easily injured by relatively low amounts of it.

Apples are in the medium requirement range. Boron may be applied on apple trees as a foliar spray four days after bloom and again with petal fall and first cover sprays. Use ¼ ounce per tree under five years, ½ ounce for trees five to ten years, and 1 ounce per tree for those over ten years old.

Manganese deficiency is fairly common on soybeans. It also occasionally occurs on small grains and corn. Deficiencies are usually associated with high pH and overliming, but they can occur at pH values as low as 5.8.

A soil test will indicate where shortages can be expected. In most cases, though, past experience on a particular field is the best guide.

Some varieties of soybean are more susceptible to manganese deficiency than others. It's usually best to wait for deficiency symptoms to appear. On soybeans these include yellow leaves with green veins on newer growth.

To correct this problem, spray with 1 pound of actual manganese in 20 gallons of water. Manganese sulfate is the material used. It can be combined with insecticide sprays.

Results should be visible in four to six days. A second application may be needed in severe cases on fields with known histories of manganese deficiency — especially if there is evidence of over-liming.

Manganese also can be mixed with other fertilizer and banded in. Use 4 to 6 pounds of manganese if applied this way. This alternative method may not be as attractive since it requires more material and few farmers band fertilize for soybeans.

Broadcast manganese is not very effective, says Cotnoir, unless rates of 40 pounds per acre of actual manganese are used.

Manganese deficiency on corn results in a generally pale green color compared to the dark green of healthy plants. It's almost always associated with soil pH values over 6.0 on loamy sands and sandy loams. It is seldom encountered on fine-textured soils such as loams or silt loams.

Correct with foliar sprays applied in the same way as for soybeans. Band applications may be more convenient on corn fields with known deficiences than in the case of soybeans.

Where the shortage is not severe, a band application of an acid fertilizer may be just as effective as an application of manganese. A fertilizer blend containing ammonium sulfate is especially effective because of the high acidity produced by this material.

Manganese deficiency is occasionally observed on small grains such as oats and barley — especially at high pH levels. Symptoms are yellow streaks between the veins. A foliar spray of 2 pounds manganese in 20 gallons of water is the best way to correct this problem

Some people have questioned the practice of waiting for deficiency symptoms to appear before applying manganese. The concern is that by the time these signs appear, some reduction in yield may already have occurred.

There's no good research evidence to support this view, says Ctonoir. On the contrary, available evidence suggests that correcting the deficiency when symptoms appear rather than sooner does not result in significant yield reductions. This is an area where more data is needed.

Manures — especially poultry manure — contain all the micronutrients. What's more, decomposing manures probably help to make micronutrients in the soil available for plant needs. So it's not surprising that deficiencies seldom occur where manure is used.

Besides being an excellent source of nitrogen and other major nutrients, poultry manure may be one of the best sources of micronutrients, says Cotnoir.

Nat'l soybean acreages decrease while Mid-Atlantic acres rise

ST. LOUIS, Mo. — American soybean growers plan to plant 157,000 fewer acres than in 1980, according to a survey released last Thursday by American Soybean Association economists Robert Acton and Parry Dixon.

The decrease means farmers will plant 69.93 million acres of soybeans this spring. In 1980 soybean planted area totaled 70.087 million acres.

The survey was a random sample of growers in 22 major soybean-producing states conducted by a questionnaire mailed April 6 and telephone follow-up and verification on May 4 and 5.

The ASA planting intentions survey indicates a 113,000-acre increase in soybean plantings over USDA's March 1 Prospective Plantings Report that showed soybean planting intentions of 69.82 million acres, a .4 percent decrease from 1980.

USDA March 1 estimates were used in eight non-surveyed states to obtain information on total U.S. soybean acreage.

The planting intentions have been divided into five regional areas.

The Eastern Corn Belt states of Illinois, Indiana, Ohio, Kentucky, Michigan and Wisconsin will produce 20.03 million acres, a 415,000 acre (2 percent) decrease from 1980.

The Western Corn Belt states of Iowa, Minnesota, Missouri, Kansas, Nebraska and the Dakotas will produce 23.16 million acres, a 10,000 acre (0.1 percent) decrease from 1980.

The Mid-South states of Arkansas, Louisiana, Mississippi, Texas, Oklahoma and Tennessee will produce 16.161 million acres, a 211,000 acre (1.3 percent) increase from 1980.

The Southeastern states of Alabama, Georgia, Florida and the Carolinas will produce 8.92 million acres, a 14,000 acre (0.2 percent) increase over 1980

The Mid-Atlantic states of Delaware, Maryland, New Jersey, New York, Pennsylvania and Virginia will produce 1.66 million acres, a 43,000 acre (2.7 percent) increase over 1980.

The ASA survey also showed farmers were planning to plant 84.8 million acres of corn: a 1 percent increase of 712,000 acres over 1980. The Eastern Corn Belt showed the largest acreage change with an increase of 496,000 acres. The Western Corn Belt showed little change with an increase of 30,000 acres. The Mid-South showed a decrease of 116,000 acres.

Again, USDA March 1 estimates were used in the non-surveyed states to obtain information on total U.S. corn acreage.

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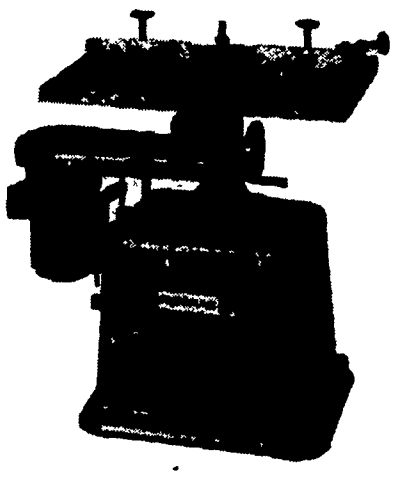

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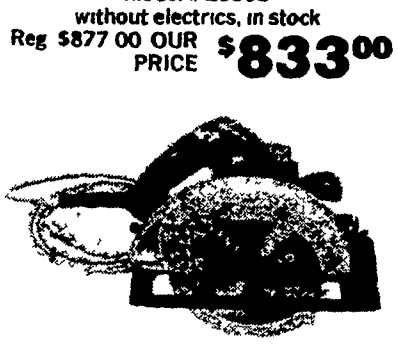

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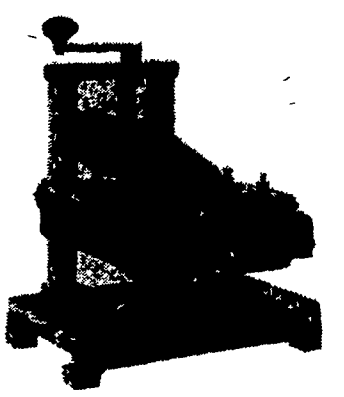

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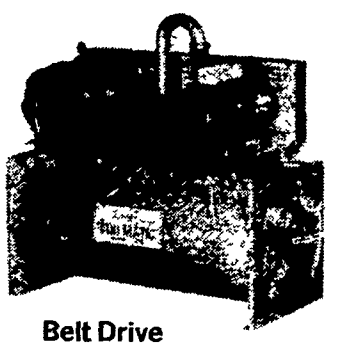

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To protect against food-borne foreign insects diseases

USDA cracks down on airport caterer

NEW YORK, N.Y. — U.S. Department of Agriculture officials have moved to withdraw approval for handling and disposing of foreign-origin garbage from Marriott Corporation's World Way West catering facility at Los Angeles International Airport, Los Angeles, Calif.

USDA's Animal and Plant Health Inspection Service deputy administrator Harvey L. Ford said he notified the corporation of his agency's intent to withdraw approval because Marriott has been in repeated violation of federal regulations requiring biologically safe disposal of food and food wastes from international flights.

"We are very concerned about food-borne foreign plant and animal insects and diseases," Ford said.

"Destructive agricultural diseases and pests might easily get into this country through food service wastes on these flights, even though the food is quite safe for human consumption," Ford said. "Effective disposal requirements are our principal means of protection."

Ford said the USDA rules require wastes of foreign origin to be sterile and disposed in a landfill or incinerated.

"In March and May of 1980, Marriott employees committed apparent violations of our regulations, which involved putting foreign-origin garbage directly in trash compactors destined for a landfill, without necessary sterilization procedures," Ford said. "Another violation in December of 1980 involved improper disposal of airline meals."

"Without the required treatment, agricultural pests and disease organisms could remain alive in the garbage and subsequently might be spread by birds, dogs or wildlife that scavenge landfills and other disposal sites."

After the first two violations, Marriott officials acknowledged that further violations could result in USDA withdrawing approval for the company to service incoming foreigh flights.

"It's difficult to get an urban population to understand the threat foreign agricultural pests and diseases pose," Ford said. "For example, the Dominican Republic has systemically destroyed and is replacing that nation's entire swine population because African swine fever, one of the world's most devastating swine diseases, was introduced from some outside source."

Improper disposal of food wastes from ships or planes caused the recent spread of African swine fever to western hemisphere nations—Brazil, Cuba, Dominican Republic and Haiti, Ford said.

"In addition to African swine fever, we are constantly concerned about many other pests and diseases that can easily be carried in food, foreign souvenirs, cargoes and other materials," Ford said.

USDA officials administer agricultural import regulations to prevent the entry of products containing such pests or diseases. USDA inspectors are stationed at about 80 ports of entry.

In Texas, seeing is believing

Video tape brings cattle to buyer

HOUSTON, Tex — The San Antonio based "Texas Charolais Sales Corporation", an affiliate organization of American-International Charolais Association, is now offering a new and exciting opportunity for buyers and sellers of Charolais cattle.

Sharon Schoenfeld, vice president, explains, "To look at individual animals in the herds of each of our members, would cost a lot in time and money – now we have a way for a buyer to make an intelligent choice at an even more intelligent price."

The Sales Corporation has made it easy for its members to participate. Forms are sent to members, filled out and returned to the Charolais office in San Antonio. An appointment is then made with the owner-seller for the video taping animals.

In the field, each animal is pictured front, rear and from each side for approximately one minute. Animals are mechanically separated by tape in the field into heifers, cows and bulls.

After all the required individuals are on tape, the film is sent to the lab where the animals are transferred to a master tape and receive index coding and audio descriptive information. The master tape is then made available for viewing by buyers at the Charolais Sales Corporation Office.

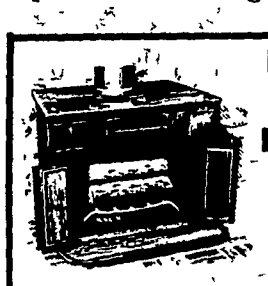
The Sales Corporation further enhances a buyer's selection process by using an indexing method. If, for example, a buyer is interested only in two-year-old bulls which weight 1,500 pounds or more and are sired by 'Bull X', then only those bulls which meet the requirements will be shown.

Once the buyer has made a selection, final negotiation and sale is arranged with the seller.

All sales are by private treaty. The Sales Corporation acts only in getting buyer and seller together.

Members of the Texas Charolais Sales Corporation have the responsibility of providing the correct information on animals and having their animals penned at video taping time. Member's herds are updated every six months. The first taping is free to members. Buyers are charged nothing to view the tapes.

For more information, contact Jim Chittim at 512/249-2480 or Sharon Schoenfeld at 512/698-2349



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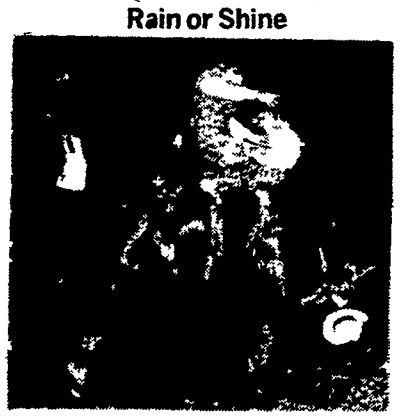

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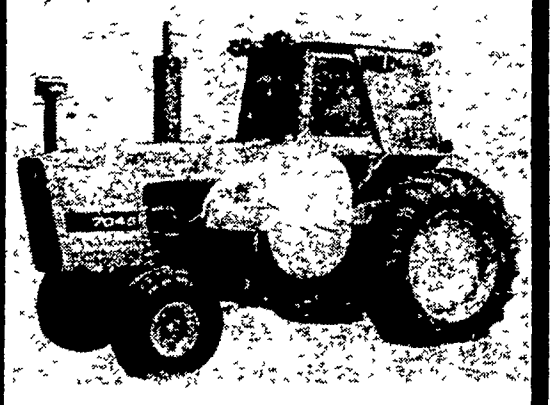

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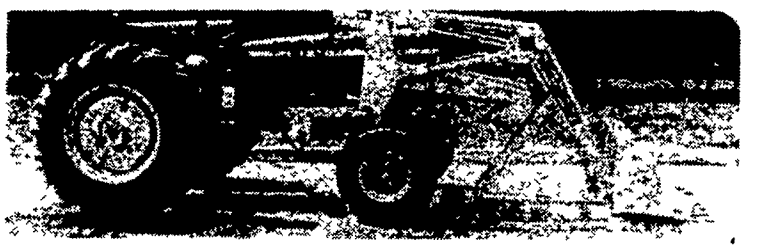

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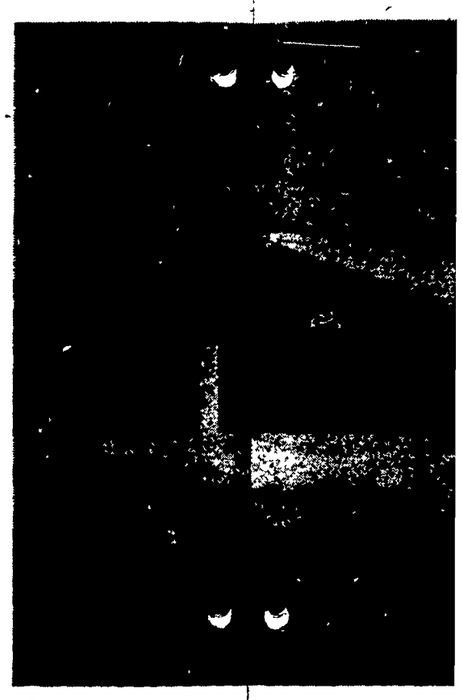

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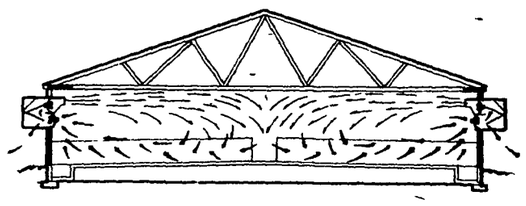

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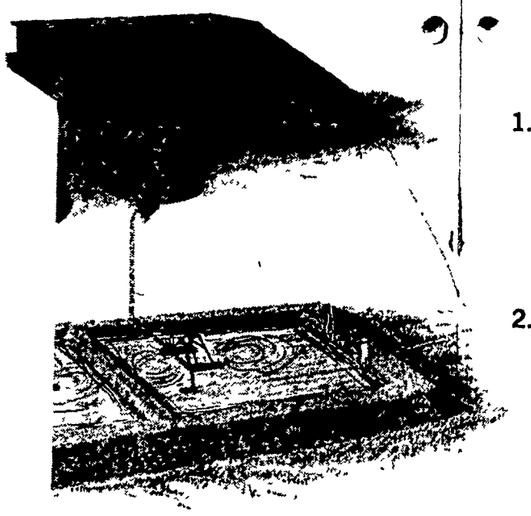

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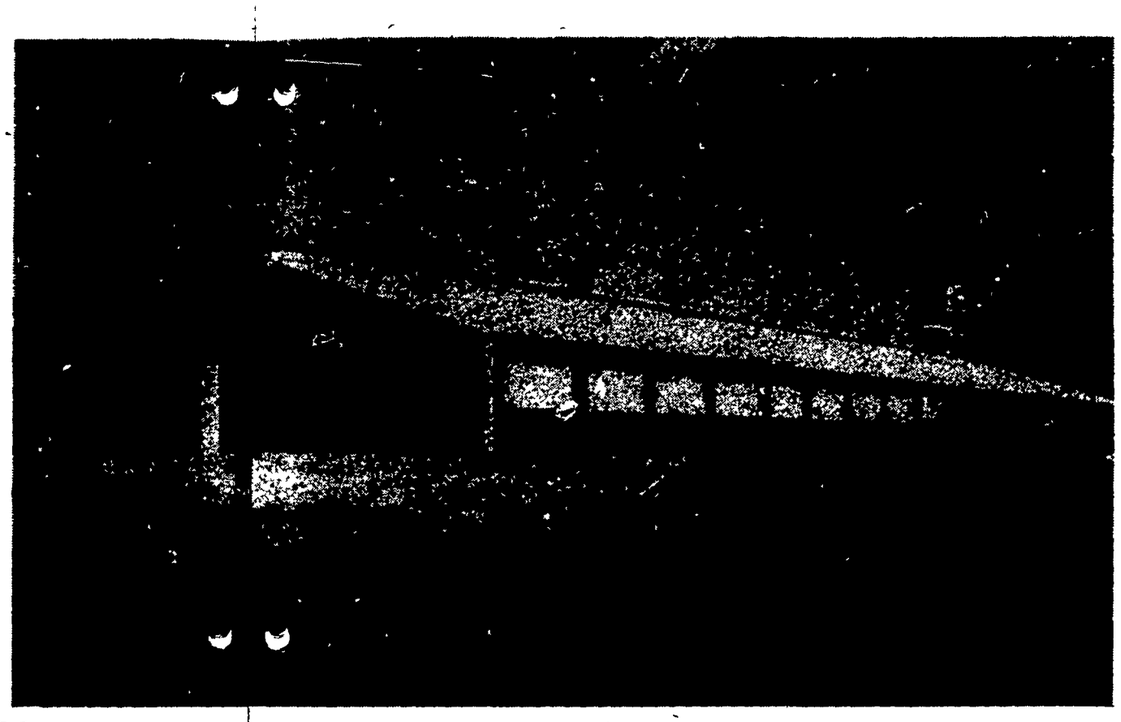

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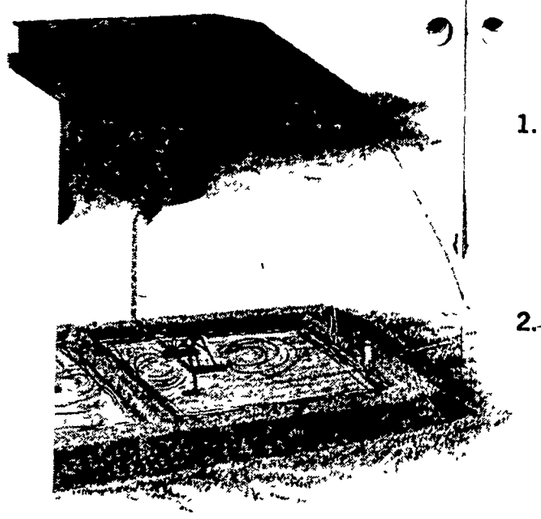

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- ★ Improves feed conversions

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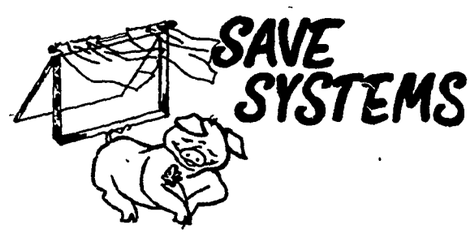

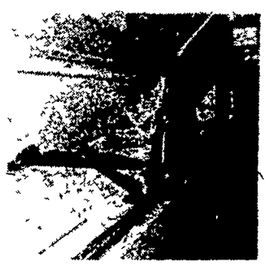

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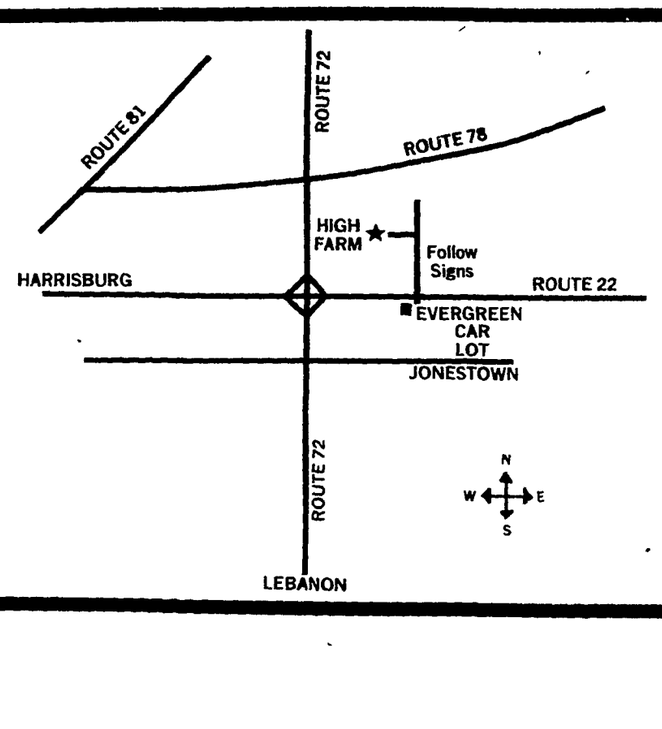
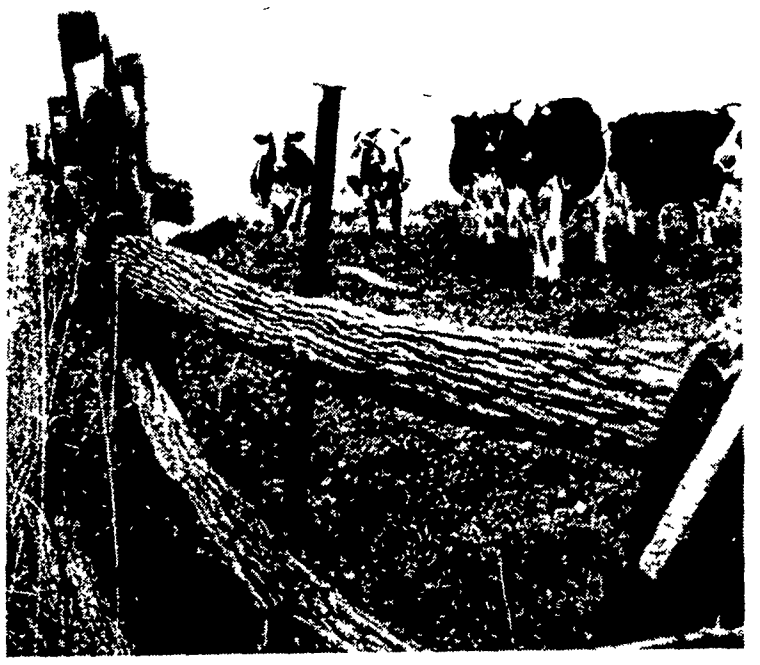


Tribute to pastures and their stewards



BY DICK ANGLESTEIN

LANCASTER COUNTY — Pastures are a pictorial panacea.

Of all the land devoted to agriculture, pastures are the least spoiled. They have escaped the tell-tale touch of man and his mechanization and in their natural originality lies the curative powers for mind and soul.

A stroll in a pasture is to worry what aspirin is to a headache.

I prefer pasture fenced by post and rail – even if it has to be combined with more modern man-made barriers of wire. If what is spawned by nature must be restricted, then it should be confined in a natural way.

Wood fencing – lined, grayed and split by age – has character. It relates history. Wire is just there in mute, deadly silence. It is the metallic plastic of pastureland.

Every pasture should have a regal arboreal monarch – its limbs reaching out to protect its realm.

Reaching toward the heavens, it provides cooling protection to generations of grazing inhabitants of every pasture.

Pastures are countryside quilts of varied vegetation.

Wild flowers abound despite the threat of hoof and foot. They compete valiantly with the meadow grass, providing splashes of color as if haphazardly dabbed by an anxious artist.

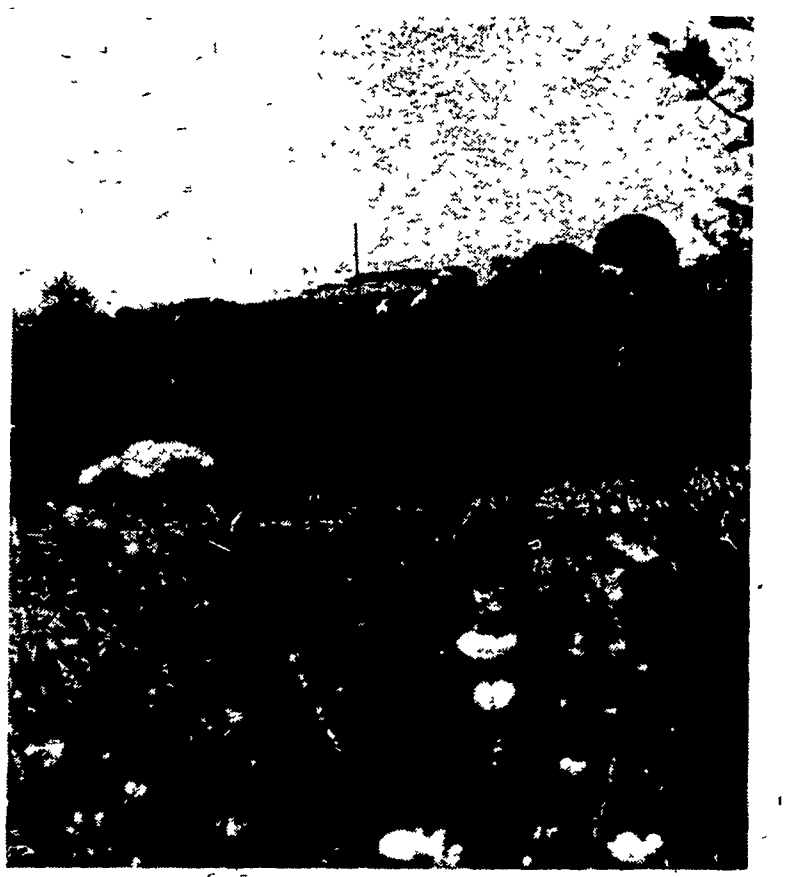
A pasture is cleansed by moving water; much in the manner in which a walk through a pasture wipes clear one's mind.

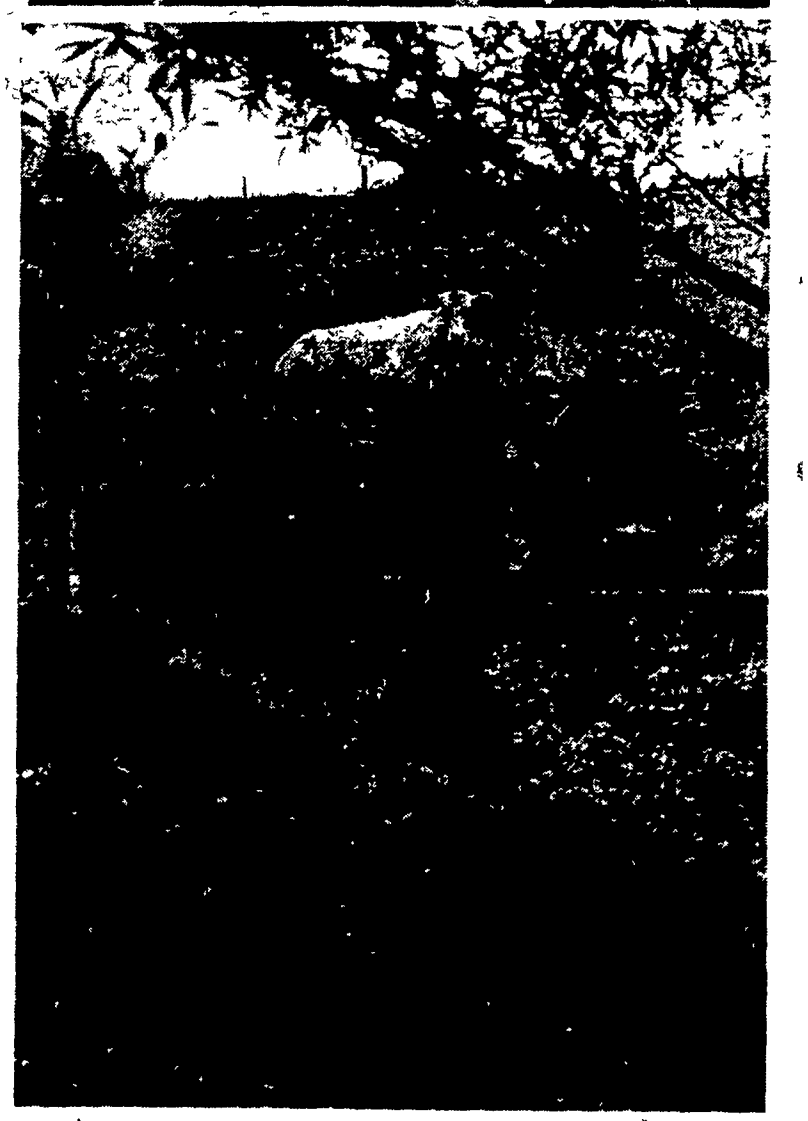
If the wild flowers are the products of a natural artist, then pastoral brooks or streams are carved and chiseled by a similar sculptor. These waterways and their myriad of tributaries are the molders of pastures.

While man practices his stewardship on cultivated farmland, there are separate stewards of pasture.

Among them are the stewards with cloven hooves. They continually groom, nourish and care for their pasture homes.

As Dairy Month approaches it is appropriate in picture and word to pay tribute to these stewards of the pastures.





Cherry growers, processors vote to continue marketing order

NEW YORK, N.Y. — Red tart cherry growers and processors in eight states have voted to continue the federal marketing order which covers the handling of their crop.

States covered by the marketing order are Ohio, Michigan, New York, Wisconsin, Pennsylvania, Virgina, West Virginia and Maryland.

In a U.S. Department of Agriculture referendum March 22-31, slightly more than 72 percent of the producers voting wanted the order continued, according to Charles Brader, fruit and vegetable marketing official with USDA's Agricultural Marketing Service.

Producers favoring the order account for about 75 percent of the cherry production represented in the referendum, Brader said.

About 60 percent of the cherry processors who voted, accounting for more than 78 percent of the 1980 processed cherries represented in the referendum, also favored a continued marketing order, he said.

Put into effect in 1971, the marketing order requires a referendum every five years to see if producers and processors want it to remain in effect.

Brader said USDA would have considered ending the order if the referendum had showed that a majority of the growers voting-either by number or volume of production represented-favored ending the order. He said USDA also would have considered ending the program if a majority of the processors, who processed more than half the volume of cherries represented in the referendum, had voted to have it ended.

The marketing order has authority to put cherries in a reserve pool during years of excess production. These cherries, held in frozen storage, are returned to marketing channels during low production years. Brader said this is intended to stabilize supplies and prevent market shortages and gluts.

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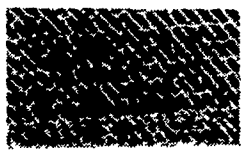

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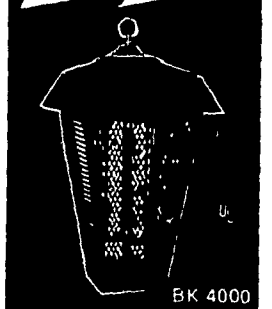

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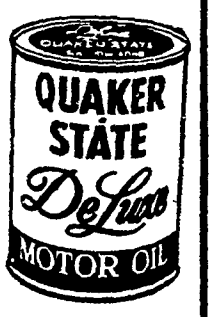

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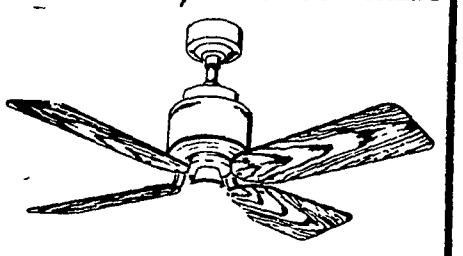

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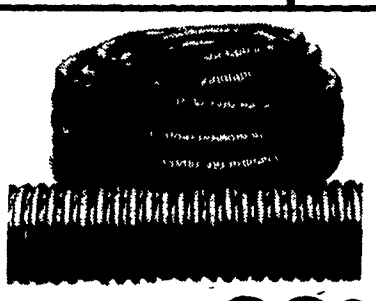

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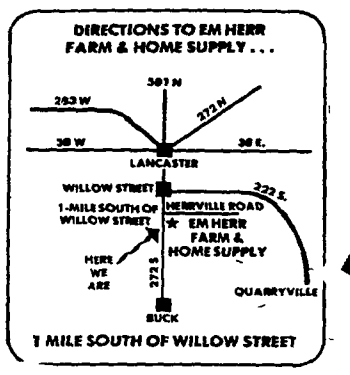

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Stewardship means sacrifice for Lebanon farmer, minister

BY SHEILA MILLER

FONTANNA — "In the beginning when God created man, He also established a divine principle — that of being a good steward, not only of money and life, but also of the soil. After creating man, He placed him in the garden for a purpose," remarks Abe Hoover, a farmer and Mennonite minister.

After 26 years of milking cows, first in Lancaster County and then in Lebanon, and tilling the land as a tenant and finally an owner, the Reverend Hoover reflects on his experiences in stewardship and his convictions to soil conservation.

Citing the scripture, Hoover says, "The Lord God took man and put him in the Garden of Eden to work it and take care of it. Genesis 2:15"

Adding his personal sentiments, he states, "I believe this commandment is valid for 1981. We have the privilege and duty to preserve our soils for the following generations.

"To be a good steward of the soil calls for some planning and sacrifice. It is important to know what is really happening to our soils if not properly taken care of and left go without any planning and purpose."

Hoover's beliefs are not merely Sunday discussions, forgotten during the week. Throughout his farming career, he has practiced what he preaches.

As he leans back against his chair, Hoover beams as he states he has 10 grandchildren to plan a future for in farming. "I'm responsible for taking care of the land for them," he says.

Hoover's beliefs are not merely Sunday discussions, forgotten during the week. Throughout his farming career, he has practiced what he preaches.

Since he began to farm near Ephrata in the 1950s, Hoover recalls, conservation has been important to him.

"I always felt it was more important to be stewards than to domineer the markets. As a tenant farmer in Lancaster, I recognized the importance of cover cropping with rye grass as a soil builder and retainer even when the landlord didn't see it," he remembers.

After ten years of leasing, Hoover and family purchased their own farm in Lebanon County and moved there in 1964.

As a vivid scene from the past moves across his memory, Hoover says, "That first year on our new farm gave me the conviction to take care of the soil irregardless of what I was taught."

Conjuring up a picture of the past, Hoover describes what he saw happening to his new farm after the first hard rain.

"When I looked out at our five acre meadow, I saw it was completely under water. All the water was coming down out of the fields which were farmed with the rows running up and down the hills. I saw my ground going down stream.

"I knew then we needed to change — and I was ready to change," he recalls.

That year, Hoover signed up with the Lebanon County Conservation District for help in planning the 75-acre farm, plus an additional 42-acre farm he had just purchased. Over a two-year time span, the 'up-and-down-the-hill' farming was erased from the cropland fields on the farms. In its place were contour strips, two grassed waterways, and two diversions.

"That work stopped the flooding problem," Hoover claims.

Over the years, the dairy operation grew along with the amount of land farmed by Hoover and sons. Even on the rented ground, soil stewardship was practiced despite the sacrifice it required.

"When I looked out at our five acre meadow, I saw it was completely under water. All the water was coming down out of the fields which were farmed with rows running up and down the hills. I saw my ground going down stream.

"We worked with our landlords, and most times the conservation idea was of mutual interest.

"Of course, we had to sacrifice some of the farmland when the waterways were installed — and there was more hayland with contour strips. But then you don't get soemthing for nothing.

"We have the inconvenience of working fields with curves. If we had put those fields all in corn, we would have had more return from the farm over five years. But you don't look at your pocketbook.

"We have the inconvenience of working fields with curves. If we had put those fields all in corn, we would have had more return from the farm over five years. But you don't look at your pocketbook.

"When you work with landlords and sell them on conservation, they'll also benefit — they'll have the scenery, the landscape, and a better outlook."

Along with the permanent conservation practices installed on the crop fields, Hoover explains his family believes in the benefits of no-till and minimum tillage in preparing the 400 acres of corn ground they farm.

Where they remove the corn for silage, he says they generally sow a winter cover crop; on the 250 corn acres that are picked and shelled, the stalks are chopped and used for bedding or blown on the

(Turn to Page A25)

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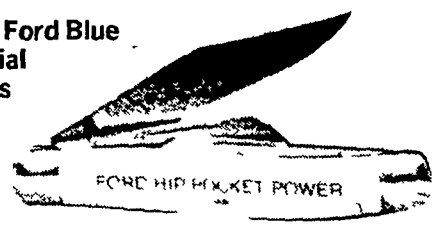

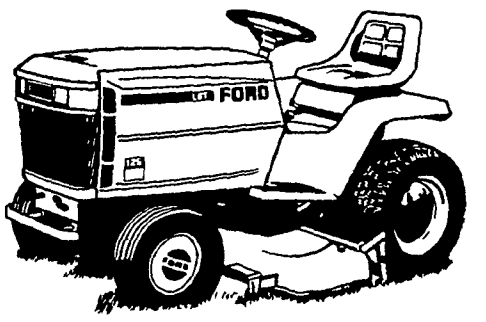

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Rain limits fieldwork

HARRISBURG — Changeable, wet weather conditions which affected most of the state during the week ending May 18 limited farm fieldwork activities to three days statewide, according to the Pennsylvania Crop Reporting Service. Four days were considered suitable in southern counties.

Farm activities included plowing and discing; planting corn, potatoes, soybeans and oats; spreading lime and manure; cutting rye and barley for green crop and silage; spraying and trimming fruit trees; and repairing fences and machinery.

Showers and thunderstorms on Monday and Friday brought their harvest rainfall to the eastern half of the state, with rainfall levels ranging from less than a half inch in extreme western counties to from one to 3.5 inches east of the Susquehanna River. Statewide, soil moisture was rated as 80 percent adequate and 20 percent surplus. Soil moisture was rated at 65 percent adequate and 35 percent surplus in the north, 89 percent adequate and 11 percent surplus in the central region, and 92 percent adequate and eight percent surplus in the south.

At 86 percent complete, plowing is still slightly ahead of last year's 82 percent, but now lags the five year average of 87 percent complete at this time. Plowing is 78 percent complete in the north, 91 percent in central counties and 92 percent complete in the southern counties.

Almost all peaches and cherries are reported in or past full bloom, on a par with last year. Apples are slightly ahead of the 79 percent in our past full bloom last year and now stand at 84 percent. Most vegetable and strawberry crops will be late due to the cool weather this spring.

The Pennsylvania oats crop is now 91 percent sown, compared to 89 percent sown last year at this time. Oats are 85 percent sown in the north, 94 percent sown in central counties and virtually all in the ground in the south.

Planting of potatoes stalled during the week and stands at 65 percent complete. This is still ahead of the 60 percent planted last year at this date. Potato planting is at 51 percent in the north, 63 percent in central counties and 85 percent in the south.

Soybean planting is proceeding slowly and is now 15 percent complete statewide, behind last year's 18 percent. Soybean planting is at 22 percent in the north, 15 percent in central counties and 11 percent in the south.

The corn crop, at 47 percent planted, is slightly ahead of the 43 percent planted last year, but behind the five-year average of 49 percent. Corn is now 28 percent planted in the north, 54 percent planted in central counties and 68 percent planted in the south. Farmers report slow growth of early seedings due to the low soil temperatures.

Statewide, barley is 39 percent booted and 18 percent headed. This compares with 42 percent booted and 17 percent headed last year Barley is 27 percent booted and nine percent headed in the north, while central counties report barley as 50 percent booted and ten percent headed. Southern barley is reported as 37 percent booted and 34 percent headed.

The 1981 wheat crop is now 33 percent booted, compared to the 30 percent booted last year at this time. Wheat is now 15 percent booted in the north, 48 percent booted in central counties and 34 percent booted in the south.

Both alfalfa and clo-tim stands are in good to fair condition, but could use warmer temperatures. Statewide, alfalfa is rated 72 percent good and 28 percent fair while clover-timothy is rated 63 percent good and 37 percent fair The amount of feed being obtained from pastures is rated mostly average.

Abe Hoover

(Continued from Page A24)

fields for mulch. Extra protection is applied to the land in the form of manure from the 250 head of registered Holsteins and 500 beef steers raised on the farms.

Hoover says he's still learning about conservation farming and credits the expertise of the local knowledgeable engineers and expert personnel;

— encourage landlords to explore the realities and values of soil conservation and establish a mutual goal;

— be willing to cooperate with landlords with time and equipment to begin a soil conservation practice;

— be ready and willing to change practices and programs instilled for many years, such as getting away from straight rows and putting up with trashy-looking fields that are hard on a farmer's pride.

— be patient and wait for results.

"If I had to do it over again, I would," Hoover said emphatically.

His teachings continue to be carried out by sons Dale, Dean, and Reid who have taken over the full-time farming responsibilities on the 500 acres of farmland in South Annville and West Cornwall Townships, with the part-time help of brother Nevin.

These fertile acres are in the good hands soil stewards.

"If I had to do it over again I would," Hoover says emphatically.

Soil Conservation technicians in helping to plan the conservation needs on the farms. He adds the conservation plan for the farm where he and wife Jean now reside (purchased in 1979) is being developed and should be implemented over the next several years.

Reflecting on his lifetime as a steward, Hoover lists seven things he had to do:

— make a positive decision to do what is best for the fertility of the soil and production of food for both present and future generations;

— have a vision of starving people and the need to distribute the world's food supply;

— be willing to cooperate with

Cattle on feed up 3 percent

WASHINGTON, D.C. — Cattle and calves on feed May 1 for slaughter market in the seven states preparing monthly estimates totaled 7.03 million head, a 3 percent increase from a year ago but down 8 percent from May 1, 1979, according to the Crop Reporting Board, USDA. This is the first year-to-year increase in the monthly number on feed since September 1, 1980.

MARKETINGS of fed cattle during April totaled 1.39 million, off 3 percent from last year and 10 percent less than April 1979.

PLACEMENTS of cattle and calves on feed in the seven states during April were 1.72 million, the highest for April since records began in 1972. April placements were 39 percent more than the low level of last year and 17 percent above 2 years ago.

The strong increase in placements on feed was influenced by a shortage of forage from grazing in several of the major feeding States.

NET PLACEMENTS of 1.58 million were up 43 percent from last year and 26 percent greater than April 1979.

OTHER DISAPPEARANCE totaled 142 thousand compared with 130 thousand in April 1980 and 220 thousand 2 years ago.

Md. Grange announces Deaf Scholarship winners

THURMONT, Md. — The Maryland State Grange Deaf Scholarship committee have announced the recipients of two $500 scholarships for 1981.

Kimberly Lynne Davenport of Phoenix, Maryland, was awarded her second scholarship from the Maryland State Grange for a total of $1000. She is a full-time student at Towson State University majoring in speech pathology and audiology, a graduate of Dulaney Senior High School and a member of Jarrettsville Grange, Harford County.

Stephen Charles DeMuth of Wheaton, Maryland, was awarded his first $500 scholarship from the Maryland State Grange. He is a graduate of the Maryland School for the Deaf and has earned his B.A. from Gallaudet College. He is a full-time student at Western Maryland College working for a Master's degree in deaf education. Stephen is deaf.

Grangers and individuals have contributed funds by having square dances, luncheons and suppers in their communities.

Kimberly and Stephen were selected from nine applicants.

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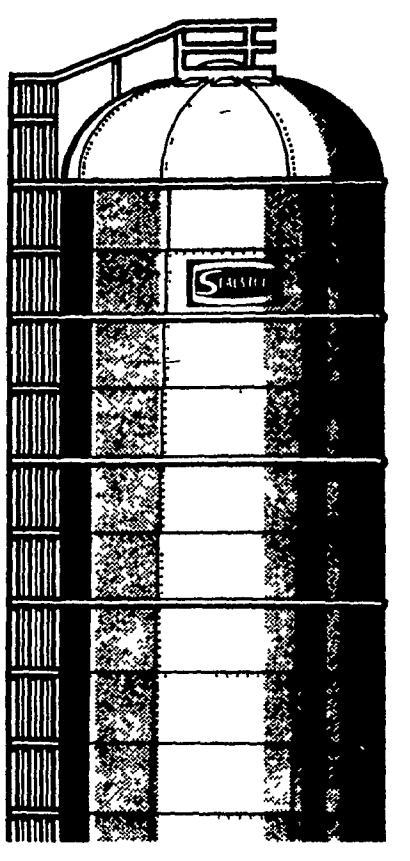

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Two of the Tennessee Walking horses that will be used for beach patrol in New Hampshire are prepared for their trip to the New England coastal resort of Hampton Beach. Holding the horses are Lester Weber, left, breeder of the Tennessee Walkers at R1 Reinholds, and John Margotta, who is serving as advisor and trainer for the Hampton police program.

Police to use Lancaster horses in N.H. beach patrol

REINHOLDS — If you happen to vacation in the coastal resort of Hampton, New Hampshire, this summer, take special notice of the horses being used by the police for beach patrol.

They come from Lancaster County.

Four horses from the Tennessee Walker operation of Lester C. Weber, R1 Reinholds, traveled this week from the county to New Hampshire to begin their training for police beach patrol and crowd control.

The experimental horse patrol program, which is being sponsored by community donations, is expected to officially begin along Hampton Beach on July 4.

The horses were selected by John Margotta, of Hingham, Mass., who is trainer and advisor to the Hampton Police Department for preparing the mounts and riders for their new duties.

Margotta, who has trained horses previously for working with bird dogs in hunting trials, said he selected the Tennesse Walkers for a number of reasons.

"The primary reason for using them is their easy gait," he said.

"After spending eight hours in the saddle, particularly when they haven't ridden much, the officers are going to appreciate the ease of the Walker gait.

"These horses have the right disposition for this type of work. They are very adaptable and will meet the various requirements for patrol and crowd control.

"In addition, the breed has the stamina to work an eight-hour shift."

Margotta selected those horses in the Weber string that had the size and appearance for the police work. A 16-hand horse is desired for police work.

"I've picked tall, stout and strong horses to meet the demands of the work, but fine enough to be good looking," he explained

The nature of the town of Hampton and Hampton Beach gives an idea of what will be required of the horse patrol

Hampton is a resort area, complete with night clubs, motels, carnival attractions, five miles of public beach and several more miles of dunes, where four-wheel vehicles are driven

On a holiday weekend, like July 4, the beach population can swell to some 50,000, with the corresponding vehicular traffic jam Patrol cars are useless in such traffic

"The mounted officers will be able to maneuver along the crowded beaches," Margotta explained.

"On the horses, the police will be able to maintain a visible profile and be in a better position to watch activities around them."

Up to June 26, Margotta will work just with the horses, training them for the variety of conditions they will encounter and building up their stamina for the eight-hour shifts.

Training will include becoming accustomed to the firing of guns, work around fireworks and sirens, maneuvering through heavy traffic, ground tieing with dropped reins, stepping sideways for crowd control and any other special requirements of police horses.

"The training is quite similar to that given horses which work with dogs," he explained.

"Such things as becoming accustomed to firearms and working in crowds are the same for both types of horses "

The experience training, becoming accustomed to the various situations the mounts will encounter, will cover about two hours a day. The horses will also be ridden in increasing amounts to build up their stamina.

"We'll start with a couple of experience items at first while their minds are still clear," Margotta said.

"In a couple of weeks, we'll have them doing everything they expect to encounter on a daily basis."

The training will be done in a beach atmosphere to acquaint the horses with the rigors and nature of working in sand and handling in water, in the event rescue or special uses of the horses in the surf will be required.

After the horses go through their initial training, Margotta will work with both the mounts and their riders.

The trainer and Hampton police learned of Weber's Tennessee Walkers through one of his horses that had moved from Bernville, Berks County, to the owner of a tack shop in New Hampshire

Weber, one of largest Tennesse Walker breeders in the Northeast, will be keeping an eye on the progress of the police mounts

"This is the first time we've had some of our Walkers go into police work," he said.

"They will be well suited for the beach patrol and crowd control and should fit into the police program quite readily."

N.J. produce firm's PACA license revoked

PATERSON, N.J. — Alexander Bros. Produce, Inc., Paterson, N.J., has had its produce trading license revoked for failing to pay in full for more than $½ million worth of fruits and vegetables the firm purchased.

USDA's Agricultural Marketing Service, which licenses produce firms under the Perishable Agricultural Commodities Act, had charged the firm with failing to pay the agreed price — totaling $597,766 — for 317 lots of produce purchased from October, 1979, through June, 1980.

Charles Brader, marekting official with AMS, said the firm had an opportunity to answer USDA's charges, but did not.

USDA's Administrative Law Judge Victor W. Palmer ruled that the firm had committed willful, flagrant, and repeated violations of the PAC Act.

Under Palmer's order, the firm may not conduct business subject to the act until March 25, 1983. The firm's officer, director, and major stockholders, Medaline Delena and Jay Scott, may not be employed by or affiliated with any PACA licensee until March 25, 1982, and then only if the employer posts a surety bond and USDA approves.

Under the PAC Act, all interstate traders in fresh and frozen fruits and vegetables must be licensed by USDA. USDA is authorized to suspend or revoke a trader's license for violating the act.

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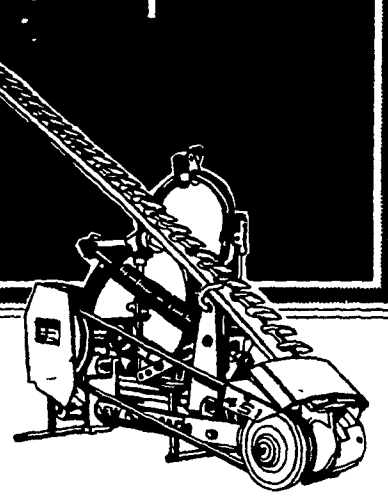

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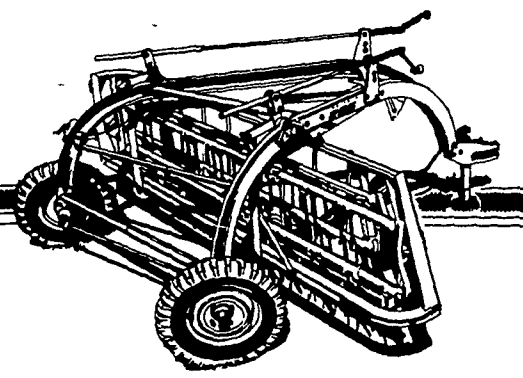

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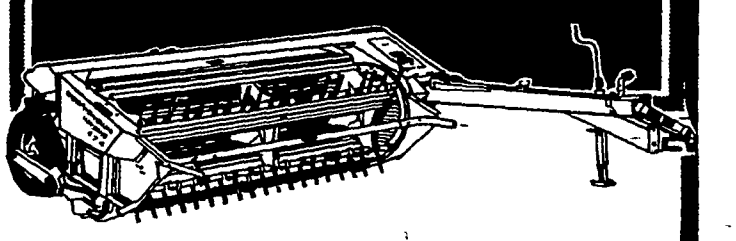

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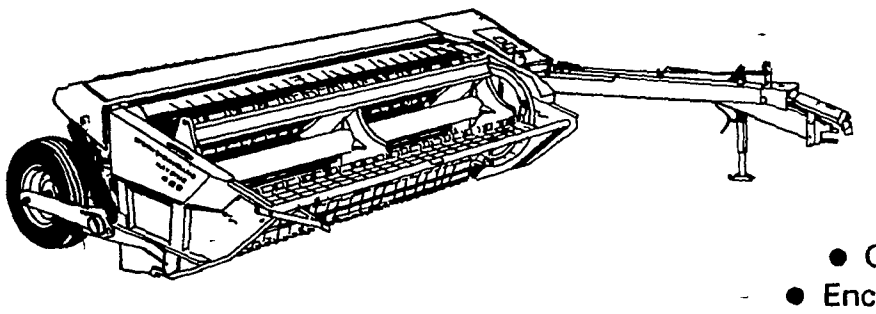

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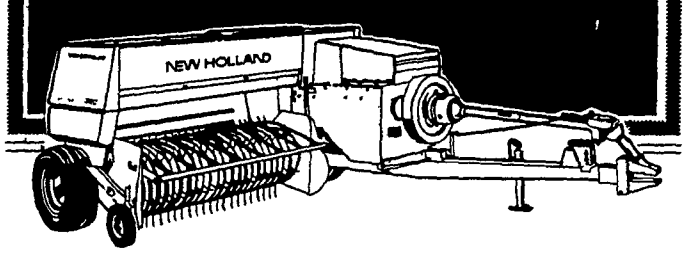

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Md. Polled Hereford Assoc. holds field day

Helping to make the Annual Polled Hereford Assoc. Field Day a success were from left, Paul Wall, area coordinator, Ronald Mills, president, and William and Pat Pleasants, owners of Pleasant Knoll Farm.

Susan Holston, Laura Tessier and Suzanne Schmidt took clippers in hand to demonstrate proper fitting techniques.

LIBERTYTOWN, Md. — The Maryland Polled Hereford Association held its Annual Beef Field Day on last Saturday at the farm of Mr. and Mrs. William Pleasants, Libertytown.

Topics of discussion were: Beef herd health by David Steele, D.V.M.; A.I. Breeding by David Patrick, Sire Power; investing in purebred breeding cattle and tax advantages thereof by Main, Hurdman and Cranstoun, International C.P.A. Firm; rations by Paul Wall, Area Coordinator, American Polled Hereford Association; clipping, Alan and John Schmidt; tagging and tattoo, Mike Davis; show and sale grooming, Laura Tessier, Susie Holston and Suzanne Schmidt; taking that animal in the show ring and what the judges are looking for by Jim Strawn, Falklands Farm; and registration and transfers by Dr. John Buric.

A charcoal cooked beef lunch was provided by A.W. Schmidt & Sons, the Maryland Polled Hereford Association and the Maryland Poll-ettes.

2nd Northeastern Junior Angus Show planned

ALLENTOWN — The "1981 Angus Fersommling" is the theme for the Second Annual Northeastern Junior Angus Show. The show will be held June 26-27 at the fairgrounds in Allentown.

Beginning at 5 p.m., Friday, June 26, Angus activities consisting of a contest including keep-cull heifers, cow-calf matching, and weight guessing will kick off the activities followed by a Pennsylvania Dutch Buffet at the Germansville Fire Hall sponsored by Pat-Ric Farms.

A dance festival by the "Majestics" and Charlie Kistler will follow the buffet.

The heifer show will begin at 8:30 a.m., Saturday, June 27. The judge will be Jake White from Oklahoma.

Md. plans ewe sale and workshop

KNOXVILLE, Md. — Tri-State Second Annual Replacement Ewe Sale will be held Saturday, June 6, at Merry Peep O'Day Farm in Knoxville, Maryland. A workshop program consisting of Basic Sheep Facilities and Equipment, by W.G. Carpenter, Jefferson, Md.; Sheep Nutrition and Raising Replacement Ewes, by Jonathan May, Timberville, Va.; Flock Health, by Jack Price, Westminster, Md.; and Keeping and Utilizing Sheep Records, by Clark B. Jamison, Glenville, W.Va., will precede the auction, starting at 10 a.m.

There also will be high tensile fencing displays and sheep supplies available.

Last year's sale offered ewes of various breeding, including Hampshire, Suffolk, Dorset, Rambouillet, and Finn crosses.

A select number of consignors have been invited from the Tri-State area of Maryland, Virginia, and West Virginia. The auction starts at 1 p.m.

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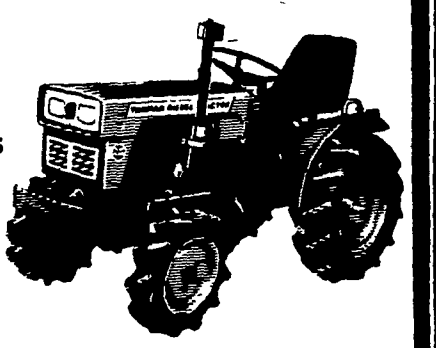

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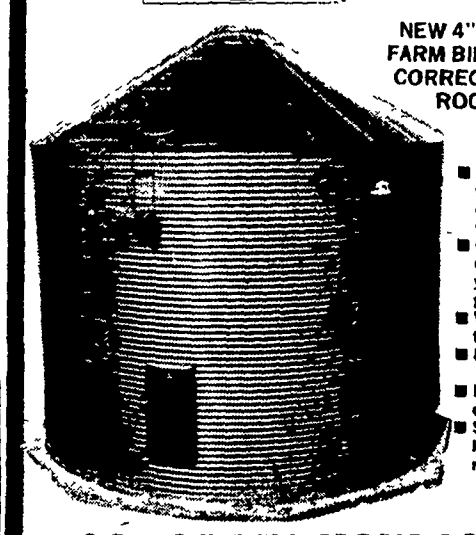

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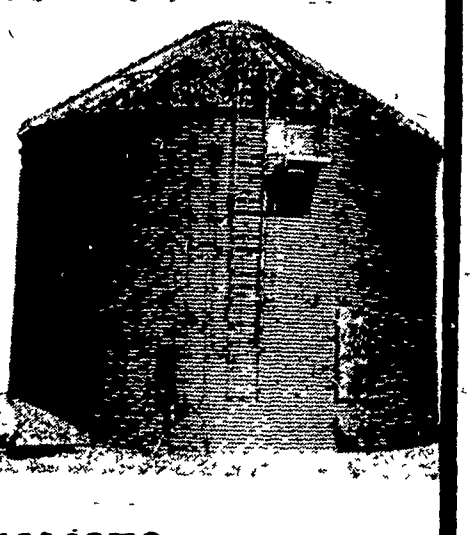

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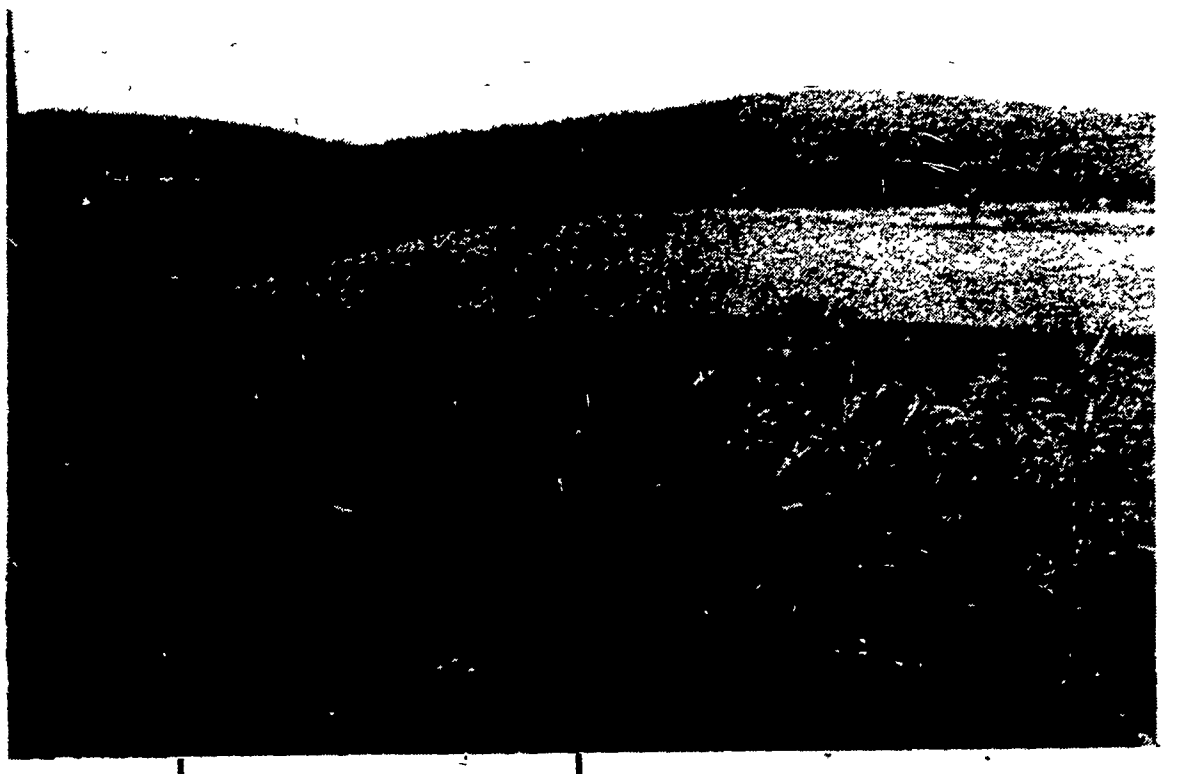
Soil Stewardship Week set to begin



Sign of the season during this annual pause to honor soil stewardship is a field of alfalfa in the foreground. Quite a few got an early start in recent days on the first cutting of the queen of forages. The good growing start and excellent haying weather will help refill those silos and rebuild supplies of feed which were cut into rather severely by last season's drought.

Almost blending into the fields being worked is this steward of the soils. Such is the nature of this important work. Too often the work on the land goes on all around us, largely unnoticed and unheralded. But this coming week is the time to stop and honor it.

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Legislative Roundup

Helms says "pleased" with conservation title, reports on Farm Bill

WASHINGTON, D.C. — The Senate Committee on Agriculture, Nutrition, and Forestry last week approved an omnibus four-year Farm Bill, and ordered it reported to the full Senate for action

Senator Jesse Helms, chairman of the Committee (R-N.C.), praised the 17 Senators on the Committee for their work on the bill, which included more than a month of hearings followed by two weeks of drafting the bill.

He said, "While we have had differences, this bill reflects an effort to reach a bi-partisan solution to our many farm problems. Our compromise does not go as far toward market orientation as did my original proposal, but it does provide a mechanism for farmers to obtain their profits in the marketplace."

The Congressional Budget office estimates that the farm bill package will cost about $7 billion over the four-year period.

Senate action on the bill is expected to start about the last week in June. The 1981 Farm Bill is designed to improve on and refine the provisions in the 1977 Farm Bill, which expire September 30.

Helms pointed out, "This is the first time in the history of the Agriculture Committee that we have had to write a Farm Bill under severe budget constraints. In the past, the sky has been the limit."

He said, "This has made our task that much more difficult."

The two weeks of legislative drafting — called "mark-up" — of the Farm Bill came to an end with a vote on a revised compromise on the commodity programs. The compromise reduced the level of budget outlays on many of the programs, which had gone considerably over budget guidelines in earlier considerations.

Helms had earlier told the Senators, "We have marched up the hill (on spending), and now we're going to have to march back down again."

Helms had special words of praise for Senator Walter "Dee" Huddleston of Kentucky, the ranking Democrat on the Committee, for his cooperation and assistance in drafting the legislation.

In commenting on some of the major decisions reached by the Committee, Helms said he was especially pleased to have a strong resource conservation title; a food stamp program that incorporates much-needed measures for eliminating fraud, abuse and soaring costs; and commodity programs that contain improvements which make them more effective and should allow for greater opportunities for profits by farmers.

The entire package of conservation proposals in the Helms Farm Bill (S. 884) was accepted by the Committee, along with some additional provisions offered by other Committee members.

Proposals adopted included:

— A special Areas Conservation Program designed to target technical assistance and funds at localities having the most severe soil and water conservation problems.

— A program to permit the Soil Conservation Service to use volunteers in conservation work.

— Permanent authority in law for the popular Resource Conservation and Development Program.

— Amendments to the Small Watershed Program to speed up the approval process for local soil and water conservation measures, thereby saving local sponsors time and money.

Senator Helms said, "These conservation initiatives are designed to strengthen Soil and Water Conservation Districts' local programs, protecting our valuable soil and water resources that are so vital to producing food and fiber, and maintaining a favorable balance of trade. In recent years we've tended to ignore these problems, and I welcome the opportunity to return to basics in soil and water conservation"

In the commodity programs, for wheat, feed grains, upland cotton and rice, target prices and loan authority are continued for an additional four years.

Minimum target prices are specified for each year of the bill, with discretionary authority in the Secretary of Agriculture to adjust upward according to change in the cost of production.

A crop-specific acreage reduction program is authorized to replace the current set-aside authority, and a land diversion program is provided.

Minimum target prices and loan levels are:

- Wheat: target prices starting at $4.20 per bushel in 1982 and increasing 20 cents a year through 1985; loan levels of $3.50 per bushel.
- Feed Grains: target prices for corn starting at $2.80 per bushel in 1982 and increasing 15 cents a year through 1985; loan levels of $2.60 per bushel for corn. The Secretary shall set comparable levels for other feed grains.
- Cotton: target prices of 71 cents per pound for 1982, 76 cents for 1983, 85 cents for 1984, and 93 cents for 1985; loan levels of 55 cents per pound.
- Rice: target prices of $11.23 per hundredweight for 1982, $12.14 for 1983, $12.70 for 1984, and $13.50 for 1985; loan level based on 75 percent of the target price.

Other provisions of the omnibus bill include:

- Dairy: price support for milk at between 75 and 90 percent of parity, with a 70 percent minimum if Government costs or purchases of dairy products are projected to exceed certain levels; and semi-annual adjustment on April 1 if necessary to maintain support price at 70 percent.
- Peanuts: loan levels of $631 for quota peanuts the four years; a poundage quota of 1.3 million tons per years; and maintaining the national acreage allotment at 1.6 million acres.
- Soybeans: loan level based on 75 percent of recent average soybean market prices, but not less than $5.02 per bushel.
- P.L. 480: an extension of the Food-For-Peace Program for an additional four years; elimination of the spending "cap" on market development, and an increase in the "cap" on humanitarian aid.
- Embargo Relief: a strong provision to offer financial relief to agricultural producers through either loans or payments if an embargo is imposed on only agriculture without including other segments of the economy.
- Sugar: a price support program for domestically grown sugar beets and sugar cane with a nonrecourse loan program effective Oct. 1, 1982, at a level of not less than 19.6 cents per pound for raw sugar cane; loans could not be available before the beginning of the fiscal year and would have to mature before the end of that fiscal year.
- Export Credit Revolving Fund: establishes authority for such a fund to be used to finance export sales of U.S. agricultural commodities.

On food stamp legislation which was ordered reported as a separate bill, Helms said he was especially pleased that these provisions, which he has sought for some time, were included:

— A "workfare" program under which localities can require able-bodied, working-age recipients of food stamps to perform public service work in return for their stamps.

— Eliminating striking workers from the food stamp roles.

— Increase of penalities for those committing fraud, including permanently eliminating such offenders from the food stamp program after the third offense.

— An income ceiling for food stamp recipients at 130 percent of the federal poverty level.

— A tightening of program rules to include such things as the

(Turn to Page A31)

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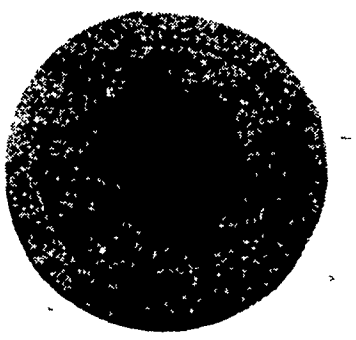

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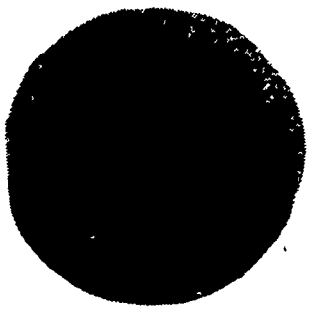

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Fitzpatrick to head USDA transportation agency

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has named Martin F. Fitzpatrick as director of the U.S. Department of Agriculture's Office of Transportation.

Fitzpatrick had been legislative director for Senator Roger Jepsen (R-Iowa) since 1979.

USDA's Office of Transportation coordinates the activities of researchers, economists, engineers, rural development and export marketing specialists and traffic managers.

"I feel it is essential for agencies of government to work with each other and with the affected public to achieve their mutual goals," Fitzpatrick said. "This agency, which I view as the voice of rural and agricultural transportation in the federal government, will do just that."

Fitzpatrick joined Jepsen's staff in Jaunary, 1979, as legislative director and assistant for agricultural committee work. He organized transportation hearings in Iowa, and helped establish the Iowa-Houston Grain Transportation Committee to facilitate transportation of grain to export ports.

From 1977 to 1979, Fitzpatrick was organizational director for the Republican Party of Virginia, and before that he was on the staff of Representative George O'Brien (R-Ill.), focusing on agricultural matters.

Fitzpatrick was born in Joliet, Illinois, in 1952, and attended Drake University, Des Moines, Iowa, where he majored in public policy management. He was selected for inclusion in "Who's Who in American Universities," and was active in student government and fraternity affairs.

Fitzpatrick lives in Alexandria, Virginia.

Yearling heifer brings $2000

FREDERICK — A yearling heifer, sired by Mucho Galant out of an Extra daughter, topped the seventh annual Free State Invitational Simmental Sale at the Frederick Fairgrounds, recently.

Richard Swan of Cumberland, Md., paid $2000 for the heifer. She was consigned by Clyde Grossnickle of Middle Creek Farms in Myersville.

At the sale, which followed the annual meeting of the Maryland Simmental Association, 20 purebred females sold for an average of $1,072. Fifteen three-quarter Simmental females sold for an average of $813, 10 half-Simmentals for an average of $702 and seven bulls for an average of $810.

Legislative Roundup

(Continued from Page A30)

elimination of stamps for boarders, and more effective measures for recovering improperly issued stamps.

— Program benefits prorated on a daily basis so that persons in the program for only a few days would get benefits only for that amount of time rather than the full month.

— An overall "cap" on spending for the program of $10.8 billion for fiscal 1982.

— A block grant for Puerto Rico at 75 percent of current costs, effective April 1, 1982.

The Senate Committee on Agriculture, Nutrition, and Forestry also recommended approval of three nominees for top-level positions at the U.S. Department of Agriculture.

The three are Frank W. Naylor Jr., as Under Secretary for Small Community and Rural Development; Mary C. Jarratt, Assistant Secretary of Agriculture for Food and Consumer Services; and A. James Barnes, General Counsel for USDA.

The Committee's recommendation now goes to the full Senate for a vote.

A fourth nominee, Kenneth A. Gilles, Administrator-designate of the Federal Grain Inspection Service, was also scheduled for consideration but was unavoidably detained elsewhere on business. His hearing will be held at a later date.

LMA tells task force marketing reform needed

KANSAS CITY, Mo. — Livestock Marketing Association is submitting its case for marketing law reform to the Presidential Task Force on Regulatory Relief.

LMA also called for Congressional passage of its Livestock Marketing Reform Act in a recent letter to Task Force Executive Director Dr. James C. Miller, III.

The Task Force, chaired by Vice President George Bush, was formed in February to reform federal regulation. The business community was asked to provide the Task Force with specific examples of regulations that could be changed to increase benefits or decrease costs.

It is LMA's position, General Manager C.T. 'Tad' Sanders, wrote, "that the layers of regulations and decisions...under the Packers and Stockyards Act require action of the United States Congress, in the reform of a 'Livestock Marketing Reform Act'."

The passage of this bill is necessary, Sanders continued, "to cut through (these) regulations and decisions to meet the needs and serve the public interest in relation to the role of the livestock marketing sector of the industry."

Sanders provided Miller with a chronological summary of the nationwide campaign on behalf of the proposed legislation. A draft of the measure is being circulated in Congress prior to its introduction.

The proposed bill would replace the current stockyards section of the P&S Act with legislation better geared to current marketing practices. The measure also provides for strict financial safeguards for livestock producers, and criminal penalties for a variety of marketing frauds.

LMA represents over 1,700 businesses in the marketing sector throughout the U.S. and in Canada.

Lebanon ASCS takes crop acreages

LEBANON — The Lebanon County Agricultural Stabilization and Conservation Service Office is receiving 1981 crop reports from Lebanon county farmers for fall seeded crops to June 15, 1981 and for spring seeded crops to August 1, 1981.

The producer, upon reporting acreages of corn, wheat, barley and grain sorghum, is eligible for support loans, reserve program loans, target price protection, crop history and disaster coverage on all acres seeded for harvest. Disaster eligibility includes crops which are fully or not covered by Federal Crop Insurance Corporation.

The office will receive reports on weekdays from 8 a.m. to 4:30 p.m. (closed May 25th) and on Friday, June 5 and Friday, June 12 from 8 a.m. to 8 p.m. Heidelberg producers may file their report at the Heidelberg Township Building, Schaefferstown on Wednesday, May 27 from 8 a.m. to 5 p.m.

John Stick, chairperson, urges all farm operators to report their acreages.

Potato stocks down 78 percent

HARRISBURG — Potatoes stored in Pennsylvania on May 1 totaled 130,000 hundredweight (cwt.), 78 percent less than a year ago according to the Pennsylvania Crop Reporting Service. Current total stocks are three percent of this year's production of 4,180,000 cwt. compared with ten percent on hand a year ago.

In the 15 major fall potato producing states, potato stocks on May 1 estimated at 40.2 million cwt., down 33 percent from a year earlier and 38 percent less than two years ago. In the three eastern states, estimated holdings are 3.79 million cwt., 55 percent below a year ago and 33 percent less than in 1979. Maine's stocks are estimated at 3.50 million cwt., 55 percent below a year earlier.

Disappearance to May 1 in the 15 major fall states totaled 214 million cwt., five percent below the same period a year ago. Total disappearance to date includes 22.6 million cwt. of potatoes dumped during grading, fed to livestock on potato farms, discarded without grading, and lost to shrinkage (moisture loss). April disappearance totaled 28.2 million cwt. compared with 33.0 million cwt. for April 1980.

Potates processed to May 1 in the seven major states totaled 82.6 million cwt., four percent below the same period last year.

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NCA calls for halt to unproven diet advice

DENVER, Colo. — The National Cattlemen's Assn. has asked that federal agencies stop issuing dietary advice which, without scientific justification, is biased against beef and other animal products.

NCA's recommendation regarding nutrition policy was made in letters and statements sent to the secretaries of Agriculture and Health and Human Services. the comment was in response to a request from Vice President George Bush for input on burdensome and ill-advised governm nt regulations and programs.

NCA also made recommendations to the White House and to the appropriate departments and agencies on regulations dealing with food safety, taxes and environmental matters.

The Association's statement on the diet-health issue noted that officials have previously used certain laws as the basis for telling Americans what to eat or not eat. Several publications and reports by USDA, HHS and the Surgeon General's office were cited.

Some of the recommendations, NCA said, have been based largely on opinion and on the unproven and controversial diet-heart hypothesis. Many scientists, NCA explained, do not accept the fat/cholesterol theories, which are based largely on population studies and animal studies rather than clinical evaluations and recent work with free-living persons. The Association cited scientific evidence that some of the government recommendations are not appropriate for healthy Americans.

NCA called particular attention to indications that the government reports have contributed, unjustifiably, to the perception that beef may be an unhealthy food. The cabinet officials were asked to see that any future nutrition information is more accurate, unbiased and based on proper clinical and scientific evidence.

Another NCA statement to administration officials dealt with food safety laws and the regulation of such substances as antibiotics as growth promoting agents in feeds and sodium nitrite as a food preservative in meat products. The Association explained why present laws are scientifically outmoded and too inflexible — resulting in present or threatened inefficiencies in food production.

For one thing, it was emphasized, more realistic benefit and risk assessment procedures are needed.

In the tax area, NCA described an adverse regulation relating to the estate tax valuation of real property. The association also criticized a proposed Internal Revenue Service regulation restricting the investment tax credit on single purpose agricultural structures.

Called to the attention of Interior Department and Environmental Protection Agency officials were several regulations dealing with land, water and animal damage control.

NCA said no effective predator control program now exists, and it was recommended that animal damage control work be returned to USDA. The need for changes in the 160-acre limitation on farms getting Bureau of Reclamation water was cited. NCA recommended that EPA withdraw its cancellation actions against the herbicides 2,4,5-T and silvex. The association called for changes in Bureau of Land Management policies which unnecessarily reduce livestock grazing on public lands.

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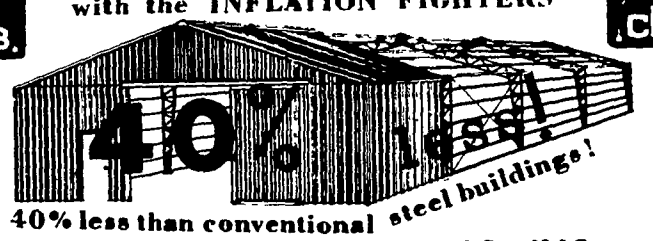

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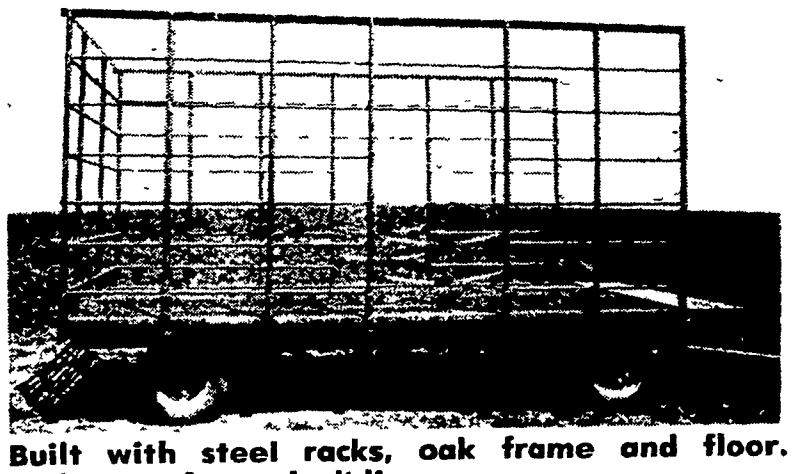

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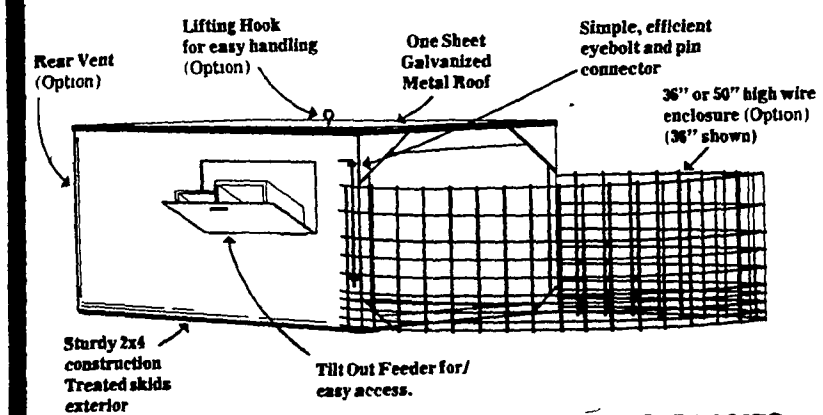
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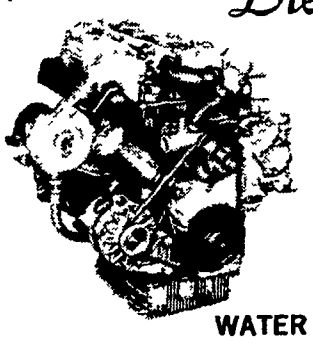

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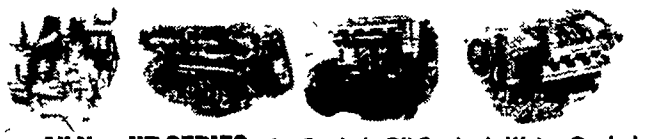

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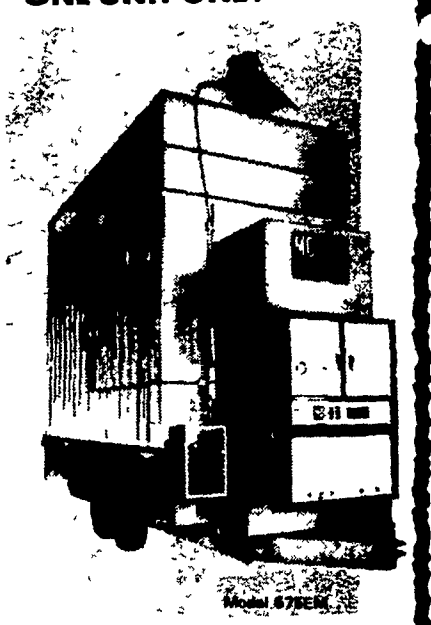

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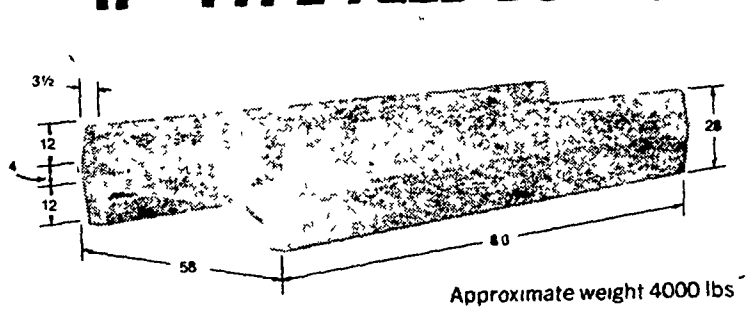

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USDA seeks comments

New York applies for official grain inspection

NEW YORK, N.Y. — The U.S. Department of Agriculture is asking for comments on New York State's application for designation as an official grain inspection agency, a Federal Grain Inspection Service official announced recently.

David R. Galliart, acting FGIS administrator, said the New York State Department of Agriculture and Markets has applied for designation as an official agency to inspect grain in the state of New York, except for Albany, the state's only export port location. FGIS is currently providing inspection services at Albany, and will continue to do so.

Comments must be postmarked by June 10, and should be mailed to: Issuance and Coordination Staff, 1127 Auditors Bldg., FGIS-USDA, Washington, D.C. 20250. For more information, contact J.T. Abshier, Director, Compliance Division, FGIS-USDA, at 202/447-8262

A.E. Herron, an official inspection agency operating out of Pittsford, N.Y., has asked its designation be canceled. FGIS requested comments on whether an agency was needed to replace A.E. Herron and to provide official inspection and weighing services in the rest of the state except for export port locations, and asked for applications from interested parties.

Several comments were received indicating that an inspection agency is needed, and the state of New York was the only applicant for designation to perform inspection services.

Until an official agency is designated, A.E. Herron will provide inspection services in the Pittsford area, and FGIS will provide services in the rest of the state.

Notice of the request for comments was published in the Federal Register on May 6.

The Milk Check

TOM JURCHAK
County Agent

Rising Flood

Producer receipts by Order 2 handlers rose to 974 million pounds in April, the highest in 14 years giving another indication of the magnitude of the spring flush to be expected this year.

As early as the last week of April, USDA's Dairy Market News was reporting milk moving from eastern and southern regions to mid-western plants and from California to northern coastal and mountain states.

Increases in production are pretty general all over the country. With two more months of high production yet to come a lot of money will be spent hauling milk anywhere it can be sold, at whatever prices a handler or co-op can get.

Meanwhile, back here in Order 2, your four percent increase in production over last month meant an extra 1.36 million pounds of milk a day coming to market. Coupled with a daily drop of 350,000 pounds of Class I sales, you ended up with a Class I utilization of only 38.5 per cent — the lowest for April in 27 years.

Lucky 13

Thirteen was a lucky number for Order 2 producers last month because that was the uniform price for April. You may not think that $13 is enough but with all things considered it could have been worse.

First there was the drop in Class I utilization from 41.4 in March to 38.5 in April. You had an increase in your Class I price from $14.89 to $14.91, but a drop in Class II from $12.62 to $12.55. Add to that an increase in your Louisville Plan take out from 20 cents to 30 cents. Put them all together and they spell $13.00 a hundred for April milk and that was only 20 cents less than March.

As I said, it's not a great price and the 20 cent drop is more than you usually get between March and April, but by next spring you may wish you had it back.

Price Drought

Such a flood of milk usually is accompanied by a drought in price. Even your old inflation fighter friend — the price support program - hasn't been much help lately.

In spite of dairy product purchases by the Commodity Credit Corporation that reached a milk equivalent basis of 625 million pounds the first week of May (the largest weekly purchase so far this year), the Minnesota-Wisconsin price actually dropped three cents in April to $12.64 for 3.5 milk. The average price for manufacturing grade milk increased only a penny to $12.56 — still 24 cents below the support price of $12.80.

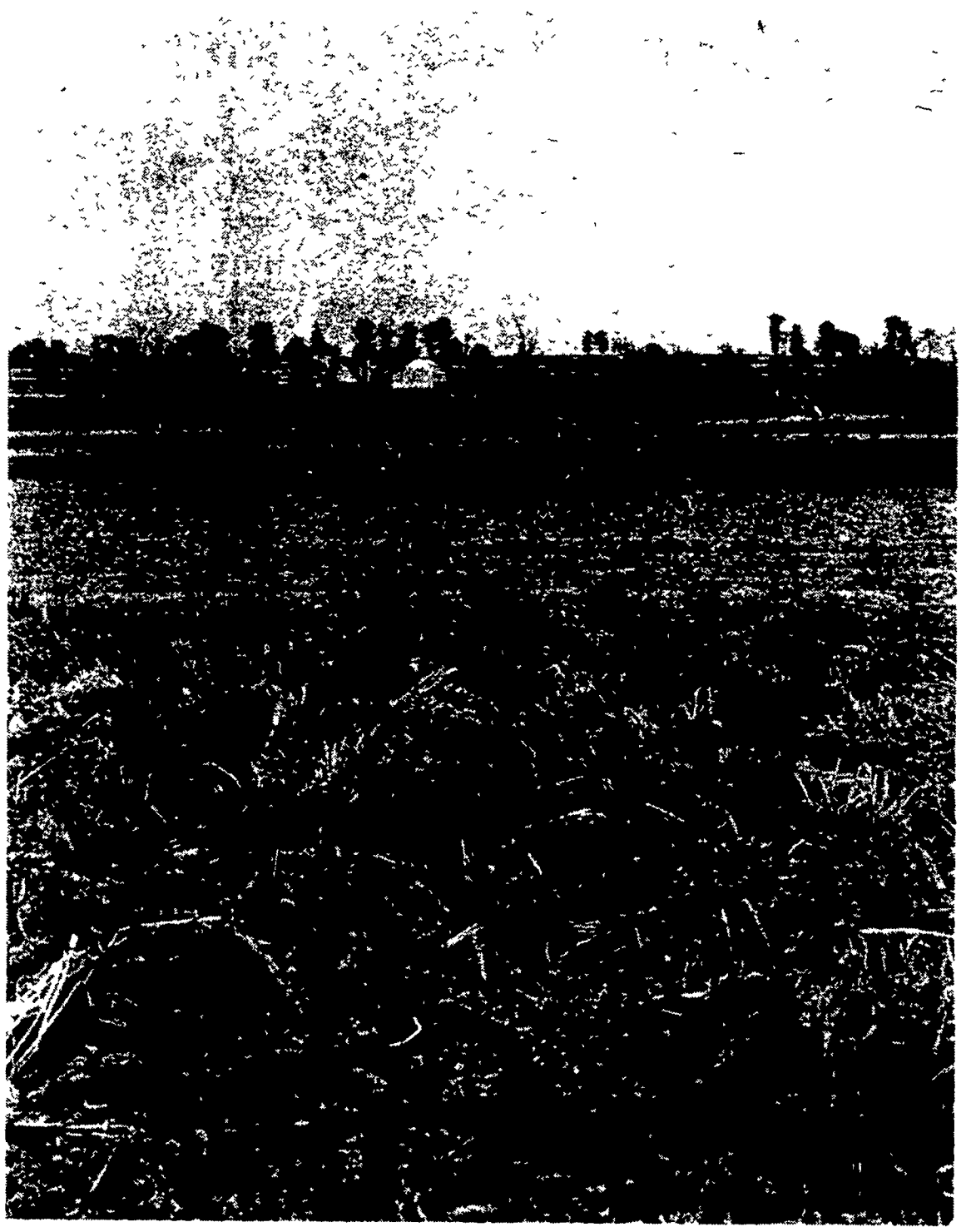
More importantly, that M-W price of $12.64 in April is the same as it was in January and no one looks for much improvement into the "forseeable" future.

Here in Order 2, your 4.5 per cent increase in production over April, 1980 is typical of the national pattern. But, it means an extra 44 million pounds of milk to sell in a month. Compared to April, 1979, it's an 8.5 percent increase or 76 million more pounds to sell.

While you usually expect seasonally lower prices in the spring, there is no indication of any let up after two years of increasing milk production. Add to that the prospect of no increase in the support price before October, 1982 and the erosion of the present price caused by inflation, you begin to get the picture of a record breaking milk price drought that can extend over the next two years.

It's hard to believe but you may be watching a drought caused by a flood.

Soil stewardship panorama



Recently turned earth in the foreground, a farmstead on the horizon and work on the land between them. What does it all represent? It's a Lancaster County panorama of the meaning of Soil Stewardship Week. During the coming week, everyone should pause to recognize these stewards of the soil and the contribution they make to the sustenance of life itself.

Foliage appearing on the trees frames this pastoral setting of a country church. As Soil Stewardship Week begins Sunday, many messages will be directed in honor of those who work the land for the benefit of all mankind. While only one week in the spring commemorates this most important of toils, the stewardship efforts and their results can be found throughout the year.

Shropshire ram

(Continued from Page A1)

ram was entered on test by Mrs. Paul Kelly, Hartstown. This ram was the second fastest growing Suffolk on test. Dana Kelly had the second high indexing Suffolk.

The fastest gaining record for this year's Suffolks was turned in by a ram owned by William Abrams. This ram's record of 1.33 pounds ADG tied the record for gains in the breed set in 1977 by a ram owned by William Gardner.

Ovine Alley had the top indexing and second fastest growing Dorset in this year's test. The ram is owned by Kenneth and Ann Staver, Palmyra.

The second high indexing Dorset and the fastest gaining ram is owned by Brian Zerby, Knoxville.

The record high gain for Dorsets was established by a Penn State ram in 1979 with a gain of 0.89 pounds per day.

Of the Corriedale rams on test, top indexing and fastest gaining entry is the ram owned by Joseph M. Stowell, Holidaysburg. The ram's ADG is 1.12 pounds. Coming in second is a ram owned by Charles McCrae, West Reading.

Gary Kwisnek, Clarksburg, was the only breeder entering a Southdown ram on test. The ram demonstrates the scale and size Southdown breeders are looking for, according to Bob Kimble, head of the Test Station. The ram's "excellent" ADG was 0.88 pounds.

Participating in the test were 18 Suffolk rams, 5 Dorsets, 4 Corriedales, 3 Shropshires, and 1 Southdown.

The rams will be sold at the Performance Tested Ram Sale on June 6, Meat Animal Evaluation Center, 651 Fox Hollow Road, State College at 2 p.m.

DER okays

(Continued from Page A1)

included installation of the steam-fired generator to provide processing plant electricity. Heat from the generator's turbine produces steam for cooking the apple products.

During the second drying phase for the pomace, to which the DER grants are being applied, the firm also hopes to recover food products and processing materials for reuse.

The final phase of the project involves conversion of the cogeneration system to use the pomace as a non-critical, renewable fuel source. The company has said that it intends to seek federal funding from the Department of Energy to help with financing.

According to Jones, the second grant offer to Adams County on behalf of the Knouse project is being made from interest funds which have accumulated from the investment of the $4 million that had been appropriated by the State Legislature.

Six resource-recovery projects have been funded thus far by DER. If this second $300,000 Knouse grant is accepted, Jones said, available funds would total only $700,000.

In signing the new grant offer, Jones called the project "a perfect example of how industrial research and know-how can join with government efforts to solve environmental problems.

"If this system works," he said, "it could be adopted by other food processors to help alleviate a serious waste disposal problem while also cutting fossil fuel use."

Photo contest

(Continued from Page A1)

second prize and $20 honorable mention. That's a total of nine prizes worth $300.

The contest continues from now until Friday, June 26 To be eligible, photos must have been received in the Lancaster Farming Office by that date. Winners will be selected by an independent professional photography representative and announced in the first issue in July.

Content of the photos will be the primary consideration in the judging. But the photos must be clear enough to permit reproduction. Both black and white and color photos are eligible. They must be at least snapshot size.

Winning photos will be published in Lancaster Farming. Entrants wishing return of their photos should include a stamped, self-addressed envelope with entries.

Each photo should be accompanied by the name, address and telephone number of the entrant and the category in which it is entered. Only printed photos will be accepted – no slides or transparencies.

Please, include a Lancaster Farming mailing label with all entries. Youngsters should use their parent's label.

So, let's see your favorite dairy photo Send it to:

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Nature conservancy elects officers

PHILADELPHIA — The Eastern Pennsylvania Chapter of The Nature Conservancy, a national land-conservation organization, announced the election of new officers and trustees.

At the Chapter's annual meeting, held at the Conservancy's Lacawac Sanctuary near Lake Wallenpaupack, Thomas Dolan IV of Philadelphia was re-elected chairman and Fred R. Studer of Lackawanna County was re-elected vice chairman.

Also elected were Edmund Thayer, Jr. (Chester County), secretary; and Dorrance R. Belin (Lackawanna county), treasurer.

Newly elected as Trustees were Thayer, William L. McLean III (Montgomery County), and Richard L. Erdmann (Delaware County) Incumbent Trustees were re-elected as follows: John Eastlake (Lycoming), C. Allen Sachse (Lackawanna), and Lane Taylor, Jr. (Philadelphia).

The Nature Conservancy is a national, non-profit organization dedicated to the protection of ecologically significant land. Founded in 1951, the 100,000-member group has protected 1.7 million acres of valuable natural land through approximately 2,400 separate projects. The Conservancy retains and manages over half the natural areas it acquires, which constitute the largest privately-owned network of nature sanctuaries in the United States.

The address of The Nature Conservancy's Eastern Pennsylvania Chapter is 1218 Chestnut Street, Philadelphia, PA 19107. The telephone number is 215/925-1065.

Maryland survey to determine corn cyst nematode control

BELTSVILLE — Agricultural officials from the Maryland and U.S. Departments of Agriculture are conducting a statewide survey to determine the extent of the corn cyst nematode, a newly discovered foreign corn pest in Maryland.

The officials also will determine what measures are needed to suppress and control the pest, said Harvey Ford, deputy administrator of USDA's Animal and Plant Health Inspection Service. An emergency quarantine is not necessary now, Ford said.

The pest, a minute worm, was first found in Pakistan and first described in scientific literature in 1970, Ford said. It's Latin name is "Heterodera zeae."

Ford said he approved the survey as one of several measures to deal with the new pest after it was discovered in four Kent County, Md., corn fields in February.

Ford said the corn cyst nematode is primarily a pest of maize, although it also attacks wheat, oats, barley, and sorghum. The nematode infests the soil and the host plant, reducing yields.

During the adult phase of its cycle, it forms cysts in the soil. These cysts can be spread from one area to another when soil clings to harvested plants, plant parts, equipment, containers or vehicles, Ford said.

Althought the potential for further spread of the pest isn't known, state authorities have asked voluntary cooperation of affected landowners, Ford said.

The Maryland infestation was identified by A. Morgan Golden, a research nematologist at USDA's Beltsville, Md., Agricultural Research Center. Soil samples were collected by Lorin Krusberg, University of Maryland, and Michael Goff of the Maryland Department of Agriculture.

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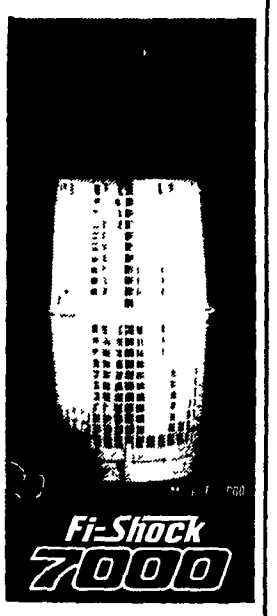

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LMA's Marketing Reform Act balances updated law with safeguards

KANSAS CITY, Mo. — A revised version of the proposed Livestock Marketing Reform Act, recently approved by Livestock Marketing Association's executive committee, "balances the critical need for updated marketing law with safeguards for the producer."

That was the assessment of LMA President Lemmy Wilson, who stressed the revised version of the bill represents no structural changes in the original Reform Act announced in January.

This Act would replace Title III of the current Packers and Stockyards Act "with legislation more in tune with today's marketing realities."

The revised bill "reflects some of the comments and suggestions we've received since we began presenting the legislation to the livestock industry," Wilson said.

While the Reform Act represents a thorough, "from the groundup restructuring of marketing legislation, our bill fully provides the safeguards the entire livestock industry needs to maintain confidence in our free marketing system," he noted.

For example, the Reform Act would replace the current required "custodial account," through which a marketing business must clear all its customers' transactions, with a livestock trust account.

"This trust account would provide buyers and sellers with the financial security they need, while giving the marketing business necessary flexibility to best manage these funds," Wilson said.

The Reform Act also provides for stiff civil penalties for failing to properly maintain the account, Wilson said.

And, he said, LMA's proposed bill significantly strengthens existing penalties for a variety of marketing frauds. "Any person convicted of fraud, embezzlement or theft under our bill, as well as any person conspiring to fix or control livestock prices, could be fined up to $10,000, imprisoned up to 10 years, or both."

The multi-billion dollar livestock business "will always attract a minority of crooks, con artists and flim-flam men," Wilson continued, "and we want them punished."

"We see this legislation as the only effective way to replace outmoded regulations and self-serving administrative decisions that are not only a burden on the marketing sector, but also are no service to the rest of the industry - breeders, growers, feeders, and processors."

Marketing must have "the elbow room it needs" to continue its vital role in the livestock industry, Wilson said.

LMA is continuing its discussions of the necessity for marketing law modernization with key members of Congress and their aides, and is now placing the revised bill in their hands.

A copy of the revised legislation and an explanatory "Fact Sheet" are available by writing LMA, 4900 Oak Street, Kansas City, Mo., 54112.

LMA's executive committee is composed of its five elected officers.

Conservation practices to keep in mind

Grassed waterways carry runoff safely

CHAMBERSBURG — Grassed waterways and outlets are natural or constructed watercourses shaped to required dimensions and vegetated for safe disposal of runoff water from fields, diversions, terraces, and other structures.

"The grass-lined waterway is one of the basic conservation practices commonly used by farmers", reports Charles S. Worrilow, III, soil conservationist in the Chambersburg Field Office of the USDA Soil Conservation Service.

"When rainfall exceeds the rate or volume at which the soil can take in and store moisture, surplus water will pass over the land in the form of runoff. Waterways carry this water to a safe outlet at a safe velocity," he explains.

The satisfactory performance of a grassed waterway depends on proper size, shape, and grass cover to stabilize the channel.

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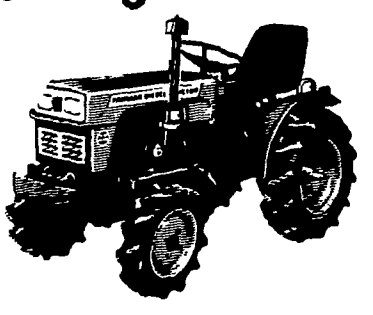

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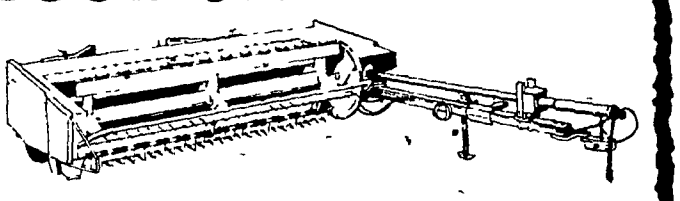

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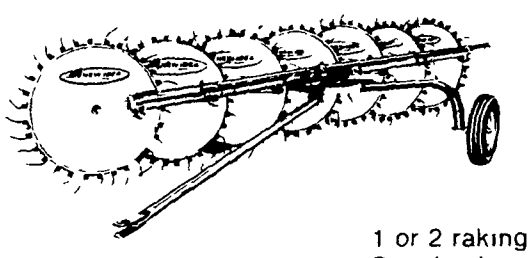

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Should you help a wild animal?

NEWARK, Del. — This is the time of year when many people are tempted to "rescue" injured or orphaned wild animals.

Dr. Paul Meckley, small animal specialist at the University of Delaware, says it's important to make sure the animal has really been abandoned before you come to its rescue. In many cases, the mother is simply out foraging for food and will return shortly.

In the case of an injury, Meckley also advises against attempting a rescue.

Rescuing a wild animal often means forcing it to endure a slow, possibly painful death when, left alone, it would either be cared for by its mother or be quickly dispatched by Mother Nature.

Besides being in their own best interest to leave such "foundlings" where you find them, it's also safer for humans to do so.

The American Veterinary Medical Association discourages the keeping of exotic or wild animals as pets. One of the association's main concerns is the threat of disease. Many wild animals such as raccoons and skunks, and exotics like ferrets and monkeys, are carriers of rabies and other diseases.

The potential for rabies isn't to be taken lightly when you're handling a foundling from the woods. Meckley warns that even apparently healthy animals can be carriers of the disease

He cites the case of one monkey that incubated rabies for 12 months before showing symptoms.

A raccoon in South Carolina incubated the disease for nine months before showing symptoms By that time it had already bitten or scratched 25 people, all of whom had to undergo extensive treatment.

Because of the threat of rabies, the Delaware Veterinary Medical Association recently came out in favor of banning the sale of exotic pets in the state.

Among other concerns is the fact that many of these animals are endangered species. If one of them gets sick, you almost always need a specialist to treat it. And, says Meckley, most people haven't the foggiest idea of what kind of care and treatment such unusual pets require.

Malnutrition is widespread among both adopted wild and exotic animals. Free to forage for food, these animals instinctively know how to balance their diets. They don't have this chance in a cage.

Meckley knows of one case involving a spider monkey whose owners brought their pet to a veterinary when it became crippled with several broken bones. The problem was due to extreme decalcification; the couple was feeding the monkey nothing but bananas.

So few people have experience in caring for wild animals that well over 80 percent of those rescued die.

A common cause of death aspiration pneumonia. In this terrible, lingering death, the baby animal doesn't swallow fast enough, or can't swallow, so the food forced into its mouth or beak enters the lungs. By comparison, most deaths in nature are mercifully swift.

Wild animals don't respond well to discipline, which is something else to consider when you're thinking of keeping some furry baby for a pet. You can never be sure one of these animals is fully tame, says Meckley.

In the midst of a disciplinary attempt, they often become vicious, revert to wild behavior and attack their owners. Youngsters are likely to be rough when playing, which is why small children are bitten more frequently than adults.

For all these reasons, Meckley says it's better to let nature take care of its own when you run across what looks like an injured or abandoned animal in the wild Only in unusual circumstances should the effort be made to pursue one. In such cases, your local SPCA or Humane Society often has the names of people qualified to care for them.

If you do try to help one that's injured, the most important things is to keep it warm. Sixty-watt light bulbs are an excellent source of heat. A hot water bottle may be used instead, if you take care to see it doesn't touch the animal directly and burn it.

A cold, weak baby should only be fed liquids at first, then be allowed to work its way up to a variety of foods In the case of dehydration, warmth and an oral rehydration formula prescribed by a vet are the first steps in treatment. In all cases, animals should be examined by a veterinarian to determine their overall health.

The vet can also give you tips on feeding and care. Some don't charge for the medical care of orphaned wild animals, but don't assume the service will be free.

One last point: tamed animals cannot be returned to the wild. They won't know how to survive. So if you do try to "rescue" one, remember that your main goal in doing so is to help it survive, and then quickly return it to its natural habitat.

Showing workshop scheduled for youth

LANCASTER — An Eastern Regional Fitting and Showing Workshop will be held at Guernsey Sales Pavilion, on June 18 at 9:30 a.m.

The workshop, co-sponsored by the Pennsylvania Guernsey Breeders' Association and the Pennsylvania Holstein Association, is open to any youth who has a dairy project, regardless of breed affiliation.

Featured will be demonstrations by outstanding dairy showmen and fitters on preparing dairy cattle for shows.

Each participant will work with a calf under trained supervision. The calves for the event will be provided by local breeders.

Among the day's activities will be a pizza party to start at 5 p.m. Families are invited. A fitting and showing contest for the participants will conclude the event.

Participants are asked to bring a lunch; drinks will be provided. Also bring clippers, showhalter, and a change of clothing if possible.

All interested should contact the Guernsey Breeders' Association, 2497 Lincoln Hwy. East, Lancaster. Fee is $5.

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Trout "surprises" found in stream studies

PENN STATE — Contrary to opinions of many fishermen, brown trout get as much food during midday as they do in the evening. That's one of the surprising findings reported from the Cooperative Fisheries Research Unit at The Pennsylvania State University.

"The only basic difference in feeding is that brown trout become a bit more active as night approaches and feed more readily on different types of organisms," says Robert A Bachman, doctoral candidate in ecology at Penn State. "The increased evening feeding is especially noticeable if there is a hatch of mayflies nearby," he adds.

Brown trout use a "sit and wait" feeding strategy, Bachman reported. The fish simply choose a place to intercept food drifting by. He said most of the feeding sites are in rather shallow water, lack overhead cover, and generally are associated with a rock or similar obstruction to water flow.

Bachman identified, photographed, and kept records on over 100 wild brown trout from April through November for three seasons in camouflaged "trout blinds" on Spruce Creek in Huntingdon County. His studies set something of a world record in observing a single group of wild trout — without handling or marking the fish. The work is now completed.

He recorded feeding peaks of 200 to 300 times per hour frequently between noon and 2 p.m. in bright sunlight during July and August. That's the time, he noted, when textbook brown trout are supposed to be snoozing under a streambank.

Equally surprising, he found that over 95 percent of the brown trout in Spruce Creek forage for feed in sites without cover during 92 percent of the daytime. People generally believe that trout feed only where there is plenty of cover.

Location and composition of the Spruce Creek trout population has been surprisingly stable. The fish migrate or move very little. Individual trout return to the exact same sites month after month, year after year. Significant migration occurs only during the fall spawning season. Of 18 trout observed in late summer of 1978, 15 returned to the same foraging sites and home ranges the following spring. In 1980, 11 or 14 trout returned from the previous fall.

"Behavior of fishermen disturb wild brown trout from their normal midday feeding," Bachman stated, observing that "in the evening you certainly can get much closer to brown trout without frightening them."

Feeding site quality is also the key to determining the number of trout in a stream and how fast they grow. This discovery throws "cold water" on the theory that overhead cover decides the number of trout in a stream.

Bachman found that overhead cover is used mostly by fish when danger threatens. At such times, cover is important, he affirmed. Trout will take cover when an angler makes a clumsy approach, a woodchuck swims across the stream, or a heron flies over. But in 20 minutes, the trout generally are back to their normal routine.

From his intensive observations, Bachman could predict (within a quarter of an inch) where a trout's head would come to rest after the fish had been feeding. Usually such position would be next to, above, or below a certain rock or submerged object.

Bachman knew the trout in his section of Spruce Creek so well that each one had a number and often a name such as "Old Yellowfin." From photographs he could tell how much each trout had grown from year to year.

He watched each fish for 15 minute intervals, punching into a computer called the "Trout Tracker" everything about a particular fish such as fighting, feeding behavior, position changes, and hiding. When a trout retrieved an insect, or stirred up some silt, it was recorded. The observations continued for 10 to 12 straight hours daily.

"Rigid territoriality in the traditional sense was not evident among the brown trout in Spruce Creek," Bachman stated. "Instead, we found that the fish share their time in feeding sites. There is, however, a hierarchy of dominance. If three fish use the same site, the largest one dominates but all three share the area. And there goes another myth about trout behavior," he added.

A brown trout doesn't tolerate other fish feeding just upstream where the intruders could interfere with the first trout's foraging. When two trout fight for the same location, the offensive fish depresses its dorsal fin and pulls the pectoral fins into its sides. The defensive fish becomes as "porcupine-like" as possible with all fins erect. In a few seconds, the action is usually finished.

At times this results in a "domino" effect, with the loser moving. This causes another short-term change in positions up and down the stream.

Proper weights and tires maximize tractor efficiency

NEWARK, Dela. — As spring tillage operations progress, there are some tremendous opportunities to conserve fuel through sound energy management.

Since the tractor uses most of the on-farm energy involved in crop production, it's especially important to increase tractor efficiency, says Delaware extension energy program coordinator Ronald C. Jester.

Energy efficiency is good business, he says. Any time you can accomplish more work with less time and energy, you reap higher profits.

With today's diminishing fuel supplies and escalating prices, energy management will allow you to get the most out of your tractor

Most of us think of tractor sizes in terms of rated power take-off horsepower. While most tractors have been tested to determine performance under standard conditions, few people realize how much power can be lost during field operations.

For example, a 100 PTO hp tractor delivers, after transmission losses, about 96 horsepower to the rear axle. Then, if weighted correctly, it produces about 75 drawbar horsepower in firm soil.

For sandy soils, this same tractor would only produce 50 drawbar horsepower due to greater tire slippage — a significant 50 percent below PTO horsepower. With inadequate weighting on sandy soils, slippage will be greater and consequently the drawbar horsepower delivered in the field will now be 40 percent or less of rated PTO horsepower.

The obvious question is what happened to the 60 percent horsepower that was lost?

The engine, no doubt, consumed the energy to produce 100 horsepower and the transmission applied it to the rear axle, but only 40-45 percent of the original 100 horsepower was available. The power was lost to slippage and rolling assistance.

By matching weight and tire size to the tractor's power and operating conditions, maximum efficiency can be achieved.

Choosing the right amount of weight is fundamental. Too little weight allows excessive slippage while too much weight increases compaction and rolling resistance.

The primary factors that dictate weight requirements are implement draft, type of implement and soil conditions. Tractors should be weighted to obtain a wheel slippage between 10 and 15 percent. In this range, a tractor can achieve true maximum drawbar power and fuel economy and also keep tire wear at acceptable levels.

Tire size is another major factor in determining tractor performance and ultimately energy efficiency. First of all, the tire must be able to carry the tractor's weight.

Tire inflation is a related consideration that affects tractive performance. Higher inflation allows more load, but tractive performance. Higher inflation allows more load, but tractive performance will suffer.

Other considerations include using dual tries and tire construction options.

For information on checking tractor wheel slip and weighting your tractor, ask for fact sheet "Tractor Weighting and Tire Selection", available from University of Delaware Substation, R.2, Box 48, Georgetown, DE 19947

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WE'RE GROWING BETTER

Bomberger's Bologna adopts state logo

LEBANON — The Bomberger Bologna Company, R1, Lebanon, has joined the Agriculture Department's "Pennsylvania Agriculture — We're Growing Better" logo campaign, according to Carl Baum, president of the company Bomberger's is the manufacturer of sweet Lebanon and Lehigh bologna.

Baum said the company will continue to process the same top quality Pennsylvania products as always, but will identify the products with the logo on the packaging.

The logo includes an outline of the state with the letters PA inside. The campaign is part of Governor Dick Thornburgh's economic development initiative for the state and is aimed at identifying Pennsylvania food products, thereby increasing sales.

State Agriculture Secretary Penrose Hallowell said, "I am extremely pleased to welcome the Bomberger Bologna Company to the logo campaign. Through the efforts of our food companies, the campaign will help increase sales, stimulate economic growth, and save energy and transportation costs, which ultimately helps the consumer get better prices.

"The Bomberger Bologna Company has shown its pride in Pennsylvania and should be commended for its public spirit," Hallowell added. The company has been in operation in South Lebanon Township since 1921

He noted, "Food shoppers, whether looking for fresh produce or processed foods, should look for the logo. With your help, Pennsylvania agriculture will continue growing better."

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Of 3.8 acre Berks Co. Farmette and 1.7 acre parcel with Mobile Home and Pond situate in the Oley Valley.

ON TUESDAY EVENING, JUNE 2, 1981

Conveniently located 15 min. from Reading, 15 min. from Pottstown, 7 min. from Boyertown, 40 min. from Allentown. Located along Manatawney Rd., off Covered Bridge Rd. via Fisher Mill Rd; from Pleasantville (Rt. 73) turn south onto Covered Bridge Rd. or from Yellow House (Rts. 562 & 662), travel north to Covered Bridge Rd. Earl Twp., Berks Co.

Parcel #1: Stylish split level brick and aluminum home w/4 bdrms., modern kitchen, formal dining area overlooking recreation rm/fireplace, 1½ bath & attached 2 car garage. Oil fired hot water heat, drilled well. Home sets 350' off road w/mountain behind it, a beautiful setting on approx. 3.8 acres.

Parcel #2: 1.7 acres with skirted furnished 12x70 Burlington mobile home, pond and old log house. Small barn, fenced area including 1½ acres of woodland, garden area and other out bldgs.

For more details & brochure call Frey Auctioneers - 215-689-5269. For appointment call 215-689-5778.

Sale at 7:00 P.M.

Sold for

THOMAS & ELIZABETH McCANN

FREY AUCTIONEERS
JOHN D. & GEORGE D.
Yellow House

PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY

SAT., JUNE 6, 1981

11 o'clock A.M.

Located on road from Wakefield to Peach Bottom at Cherry Hill, Fulton Twp., Lanc. Co., Pa.

Real Estate consists of all that certain tract of land containing 1600 sq. yards more or less with 71 ft. frontage erected there on 2½ story frame dwelling containing 6 rooms & 1½ baths, baseboard oil hot water heat, well water, blown insulation, electric and other conveniences. Real Estate may be inspected by appointment phone James A. Brown 717-548-2229. Real Estate will be offered for sale at 2 P.M.

Personal property consists of corner cupboard, ext. table, oak arm chair, 4 oak chairs, platform rocker, other rockers, over stuffed chair, 4 kitchen chairs, end tables, small tables, telephone stand, high chair, chiffer robe, 2 wardrobes, dresser, chest of drawers, single bed, mattress & boxspring, 2 clothes trees, basket cradle, blanket chest, 2 old trunks, mirrors, linens & bedding, lot of old books, picture frames, typewriter, China & glassware, punch bowl & cups, cooking utensils, Kenmore electric cleaner, Tappen electric range, Whirlpool no frost refrigerated freezer, Philco washer, Philco Dryer, toaster oven, electric appliances, kitchen cupboard, metal cabinets, kitchen table & 6 chairs, 3 sets of spring balance scales, rayo lamp, Christmas decorations, glass jars, 36 ft. ext. ladder, step ladder, vice, table saw, metal wheelbarrow, lawn chairs, misc tools, and many other articles.

1970 Ford LTD car.

SALE BY

JAMES A. BROWN & BETTY M. HILL
Executors of the
GYLES H. BROWN Estate
Sam Ferguson Musser, Att'y
Kersey A. Bradley, Auct.
Kirk & Eschbach Clerks

Lunch available

Pa. commercial egg production shows largest expansion

UNIVERSITY PARK — Pennsylvania ranked third among the 50 states in total number of eggs produced in 1980. This was up from the 4th position in 1979.

In both years Pennsylvania production of table eggs — total eggs minus estimated hatching egg production — ranked third among the 50 states.

Total egg production in Pennsylvania in 1980 accounted for 6.1 percent of total U.S. egg production and 6.5 percent of table egg production. The top 10 states ranked in order in the table account for about 59 percent of total egg production.

The Middle Atlantic states, New York, New Jersey, and Pennsylvania, accounted for about 9 percent of the nation's total egg production in 1980. The New England states, Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, and Connecticut, accounted for about 5 percent of the national total.

Pennsylvania accounted for 67 percent of production in the Middle Atlantic area and 43 percent of total eggs produced in the Northeastern states. Egg production in Pennsylvania was about 1.2 times total egg production in the New England states.

The largest expansion in any state in the 1977-1980 period, and 1980, occurred in Pennsylvania 1,291 million and 414 million eggs respectively.

Decreases in production occurred in 4 of the Northeastern states in 1980 compared with 1979, and 5 states in the 1977-1980 period.

Although the percent increase in Rhode Island was greater than in Pennsylvania for the years shown in the table, the increase in number of eggs was only about 3 percent of the increase in Pennsylvania for the 1979-1980 period and 2 percent in 1980.

Expansion in Pennsylvania continues to present a challenge to marketing firms, notes A. Kermit Birth, Penn State Poultry Marketing Specialist. Part of this responsibility includes moving temporary surpluses out of the northeast to avoid price depressing surpluses in this area when other areas of the U.S. need eggs.

The increase in production in 1980 brought about an unfavorable situation in the egg industry which continued into 1981. Egg production in March this year was about the same as a year earlier.

Egg prices are likely to remain below total production costs unless production drops about 2 percent below a year earlier.

USDA reinstates Md. produce dealer

BALTIMORE, Md. — Joseph Sudano of Baltimore, Md., also trading as S&S Produce, has become eligible to again operate in the produce industry after satisfying an order issued against him.

USDA's Agricultural Marketing Service, which licenses produce firms under the Perishable Agricultural Commodities Act, had issued the award in favor of a Maryland wholesaler.

Charles Brader, marketing official with AMS, said Sudano had been barred from operating in the produce industry under PACA on February 10 when he failed to pay the reparation award.

Now that he has satisfied the order, Sudano and his firm may engage in the produce business without bond.

Under PACA, all interstate traders in fresh and frozen fruits and vegetables must be licensed by USDA. USDA is authorized to suspend or revoke a trader's license for violating the act.

Milk production up 7 percent

HARRISBURG — Milk production in Pennsylvania during April 1981 totaled 741 million pounds, up seven percent from a year earlier according to the Pennsylvania Crop Reporting Service.

The number of milk cows in the commonwealth during April averaged 706,000 head, up 1,000 from a year ago. Milk production per cow averaged 1,050 pounds in April, up 65 pounds from a year ago and 70 pounds above April 1979.

United States milk production during April totaled 11.5 billion pounds, five percent above April 1980. Milk production per cow averaged 1,063 pounds, 41 pounds above last year and 74 pounds more than April 1979. Milk cows on farms averaged 10.9 million head, up one percent from last year.

PUBLIC SALE
FRIDAY EVENING, JUNE 5, 1981
6:00 P.M.

Located ½ mile north of Maytown, 4½ miles south of Elizabethtown, along Pa. Route 743. 3½ miles northwest of Route 30 from Columbia, use Route 441 exit. Lancaster Co., Pa.

REGISTERED SWINE & EQUIPMENT

All animals vaccinated for Erysipelas, Rhinitis and Lepto. Validated herd, Pseudorabies and Brucellosis free.

9 registered Landrace sows bred for registered litters; 1 registered Landrace gilt w/Hamp cross litter; 2 registered Landrace herd boars - Ajax and Dunderbo breeding; 2 registered Hampshire sows bred for registered litters; 1 registered Hampshire sow w/nice litter by Squire 4-1; 4 registered Yorkshire sows bred for registered litters; 6 registered Spot sows bred for registered litters; 1 registered Hampshire gilt bred to Squire 4-1; 2 registered Duroc sows bred to Hampshire; 6 York-Hamp sows bred to Landrace due soon; 15 - 7 month old boars - ready to breed - registred Hampshire, Landrace, Spot, and Yorkshire; 3 registered Hampshire gilts ready to breed soon; 20 registered boars 5 months and younger - Duroc, Hampshire, Landrace, and Spot; 10 registered gilts 5 months and younger - Duroc, Hampshire, Landrace, and Spot; 6 - 3 way cross gilts - York-Hamp-Duroc - littermates to reserve grand champion pen of feeder pigs at Southcentral Penna. feeder pig show; 50 weanling pigs - registered Landrace, Spot, and Yorkshire.

3 REGISTERED HAMPSHIRE HERD BOARS - MAYBE THREE OF THE BEST ANYWHERE.

SQUIRE 4-1 a son of ROUGHNECK 39-2 out of the EARL WILLIAMS HERD in HIGGINSVILLE, MISSOURI - ROUGHNECK 39-2 is the best boar to have ever served in the Hampshire breed - THIS BOAR NEEDS A GOOD SOW HERD TO WORK IN.

ROMEO 4-2 a son of ROMEO, and grandson of BAM out of the ERNEST HALL HERD in NORTH CAROLINA - this boar has exceptional depth of chest and exhibits perfect breed characteristics.

TANKER 7-1 a son of TANKER the $9,000 Lisbon Test Station graduate now serving in the Thorne Hill Farms Herd in Virginia. Real growthy boar with excellent underline - 8&8.

2 REGISTERED LANDRACE BRED GILTS OUT OF THE DAVID KORNS HERD.
STARBY BRED TO BIGFOOT DUE JUNE 2
BIGFOOT BRED TO ROOTS DUE JUNE 3

1 registered Yorkshire herd boar - Hustle

BUILDINGS AND EQUIPMENT

Agstar self-contained 24'x50' farrowing house w/pit, 16 farrowing crates, 8 nursery pens, and all equipment - to be removed. 18 foot x 40 foot Fickes Silo w/Silo-Matic unlaoder, fill pipe and distributer - to be removed. 18-28 foot ½ trusses - 5/12 pitch w/purlines, Onduline roofing, and steel siding - to be removed. 13 heavy steel gates - all sizes; steel partitioning and piping; flex auger and tubing; 2-24 hole Pax feeders w/built on bins - 3 ton capacity; 1 Smidley 12 hole feeder; 1 Smidley 4 hole feeder w/lod - new; Smidley farrowing hut; Simdley sow catch crate; 2 dairy barn fans; 3 fans; Trojan push waterers; Pride of the Farm pen float waterers; nipple waterers; Pride of the Farm nursery feeder; water pressure regulator; Auto-Medic II water medicator; plywood; Ilis pregnancy tester; Herdex calculator record system for sows; heat lamps; registration forms for Duroc, Hampshire, Landrace, Spot, and Yorkshire; medicators; 4 rubber cow mats; 1 5x7 woven wire; rubber feed tubs; 1973 Dodge ½ ton pickup w/cap - 318 three speed transmission; 1973 Chevrolet ¾ ton pickup w/ps, pb, ac - excellent shape; Allis Chalmers #390 nine foot haybine; Sears Roebuck jig saw; 2- 6:00x12 snow tires; Moritz 16 foot trailer w/4 foot livestock racks, brakes, and lights - 8000 pound tags - like new; 9 cords sawed firewood.

Sale at 6:00 P.M.

ROY & LEE BIXLER, Owners
Diffenbach's, Aucts.
Refreshments Available

PUBLIC SALE
FRIDAY, JUNE 5, 1981
11:00 A.M.
Real Estate, 12:30 P.M.

In Cumberland Co., 4 miles northwest of Carlisle. Watch for sale signs along Rt. 74 near the creek bridge. (The sale is close to Possum Lake).

REAL ESTATE

All that certain plot of ground suitated in Lower Frankford Twp., Cumberland Co., containing 1.33 acres, more or less. having thereon erected a 2½ story, 8 room frame house with full bath, oil forced hot-air heat, cement basement, nice kitchen & drilled well. Also a block building 32'x46' commercial butcher house; a block building 24'x38' double car garage, work area, and horse barn. Several other out buildings.

NOTE - This property is set up for custom butchering!

Terms - 10% when property is stricken down, balance 30 days from sale date. Note to see the property Ph. 717-243-0116

BUTCHER EQUIPMENT

Two butcher furnaces and kettles, one large kettle; meat slicer; band saw; meat cuber; scales; 2 hp. grinder; benches; trackhooks; meat treas; scraple pans; knives; wraping machine; elec. knife grinder; compressor unit for walk in cooler; block & foll; water heater; and other butcher equipment.

GUNS

New England Arms Co. 22 rifle; H&R 16 ga. shot gun; World Chalanger 12 ga. single bbl. w/chrome bore; H&R 12 ga. w/32 in. bbl; J.C. Higgens 22 rifle; 12 ga. single bbl. w/celler door.

FARM MACHINERY

Farmall H tractor w/hyd., like new rubber and in good shape; two bottom trail plow; 2-18 tooth perry harrows; B.F. Avery tractor w/accessories; steel wheels for H tractor; garden tractor w/accessories; wagon load of small items.

MISCELLANEOUS ITEMS

Carpenter tools; new lumber; used lumber; ladders; shingles; windows; doors; scrap iron; 4 ft. x 8 ft. pool table; new 275 gal. oil tank; 18 ft. flag pole; tires, rims; step bumper; electrical appliances; copper wire; and other building supplies.

HOUSEHOLD ITEMS

Upright piano; chairs; end tables; beds; knee hole desk; sink tops; other items.

PONY SUPPLIES AND ANTIQUES

3 pony sulkies; pony harness; hobbles; saddles; bridles; Claw foot bath tub; cutting box; old Ford wheels; singles trees; and other items.

JAMES F. MILLER
RONALD L. HOOVER

Dean Shull - Auct.
Lunch Stand Reserved

SALE
MARLU FARM
825 Newman Springs Road
(County 520)
Lincroft, NJ 07738
201-741-1920

Saturday, June 27, 1981
1:00 p.m.

55 Head - Half each cows and heifers.

BUS TRANSPORTATION
to
MARLU FARM SALE

LEAVING FROM EAST TOWNE MALL - RT 30
LANCASTER, PA.
BUS LEAVES: 8:00 A.M.
FEE: $2.00

SEND RESERVATION FEE OF $2.00 to:
DEADLINE JUNE 19, 1981

JERRY SKILES
R.D. 2
NARVON, PENNSYLVANIA 17555
PHONE 717-768-3545

NAME: _____

ADDRESS: _____

PHONE: _____ AMOUNT ENCLOSED _____

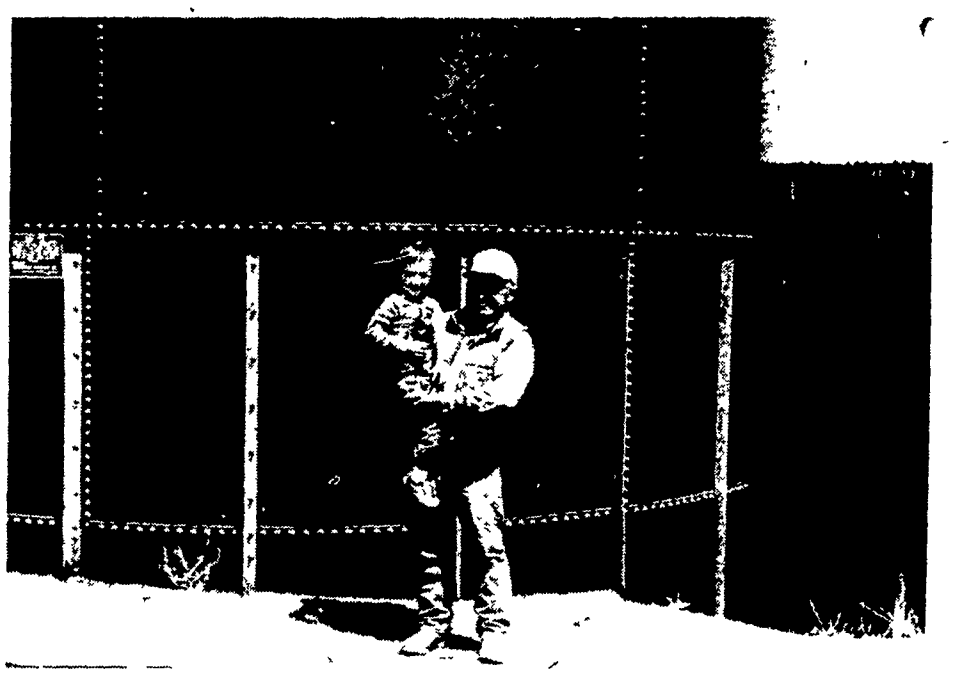
NO HERD IS GREATER THAN THE FOUNDATION UPON WHICH IT IS BUILT

MARLU FARM
LINCROFT NJ 07738
MAURICE POLLAK, Owner
Gerald R Hall
Herd Manager
Telephone Code 201-741 1920

HAYLAGE——HAYLAGE——HAYLAGE

YOU'RE INVITED TO A HARVESTORE HAYLAGE FIELD DAY!

WEDNESDAY
MAY 27, 1981
10:00 AM - 3:00 PM



Directions: Route #225 . . . ½ Mile North of Berrysburg. . . First Farm On Right.

★ FIELD DEMONSTRATIONS OF CHOPPING & BLOWING

★ FEED WHILE YOU'RE FILLING

Tobias Equipment Company
Featuring John Deere -

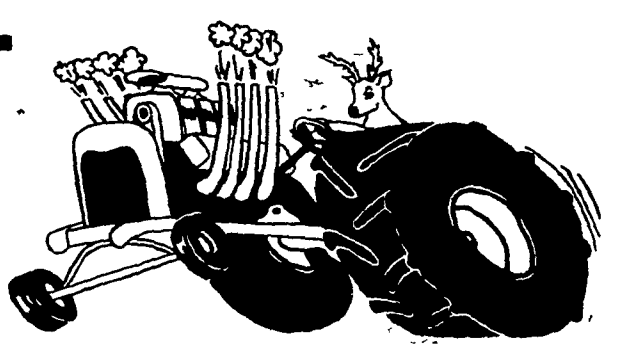
★ 3940 Power-Mixer Harvester
★ 714 A Forage Wagon
★ 1209 Mower conditioner
★ 4040 90 H.P. Tractor

REFRESHMENTS

SPECIAL P.J. HARVESTORE NIGHT

BUCK TRACTOR PULL
SATURDAY
JUNE 6, 1981
6:30 P.M.

SPECIAL PRICE $4.25



Special Price Includes Ticket and HARVESTORE Cap*

* Limited Offer. Tickets can be purchased through your HARVESTORE Representative

LISTEN TO THE ROAR OF "SUPER-CHARGED" TRACTORS!

WATCH THEM PULL IN: * Super Stock
* Open Class
* Modified
* 4 Wheel Drive

LOTS OF DOOR PRIZES!

LOTS OF FUN!

Penn-Jersey HARVESTORE® Systems, Inc

P.O. Box 7
New Holland, PA 17557

Phone
717-354-4051

HOW TO GROW HEIFERS FAST!

Wayne Calf Krunch builds smooth, growthy heifers. . . fast! Young calves love its sweet, grainy texture and molasses-covered vitamin pellets, laced with milk products. It's so tempting they eat earlier, grow faster, mature and freshen sooner, adding months to their productive lives. When heifers freshen at two years or earlier, you know it works. In tests between Wayne Calf Krunch and a typical herd milking ration for starting heifer calves, the Wayne-fed calves gained 15% more weight on 9% less starter feed! Try it, and see.

Feed for the difference innovations make. Feed Wayne.

WAYNE CALF CRUNCH

From Allied Mills: The Innovators

WAYNE FEEDS ®
WAYNE ANIMAL HEALTH AIDS
Allied Mills, Inc
Chicago IL 60606

PARTICIPATING DEALERS

ANDERSON BROS.
New Park, PA 17352 717-382-4472

VAN - MAR FEEDS, INC.
West on Miller St
Shoemakersville, PA 215-926-2121

MANOR FARM SERVICE
RD 2, Lancaster, PA 717-872-4613

W. L. MUMMERT CO.
High & Pine Streets
Hanover, PA 17331 717-637-6923

BATZ FEED & SUPPLY
R1, Richland, PA 17087 717-933-8168

BRANDT'S MILL
830 Maple Street
Lebanon, PA 17042 717-272-6781

WHITE OAK MILL
R5, Manheim, PA 17545 717-665-2288

JAMES BALMER
Wholesale Specialty Feed Distributor
Manheim, PA 717-665-2011

DUTCHMAN FEED MILL, INC.
R1, Stevens, PA 717-733-3020

MOYER & SON, INC.
113 E Reliance Road
Souderton, PA 18964 215 723-6001

POWL'S FEED SERVICE
Peach Bottom, PA 717-548-2376

NOLTS MILL
Witmer, PA 17585 717-393-1369

WALKER CO.
Gap, PA 717-442-4169

Farm Business News

Tri-Town Steady Spipper, bred by J.Z. Nolt, of Leola, has entered the young sire sampling program of Atlantic Breeders Cooperative.

Nolt bull enters Atlantic program

LANCASTER — Atlantic Breeders Cooperative has selected Tri-Town Steady Spipper to enter the young sire sampling program for 1981. He is one of 40 Holstein bulls to enter the program this year. Bred by J.Z. Nolt, Leola, the bull will be known as 15H398 Steady.

During sampling, Steady will be randomly mated to approximately 600 Holstein cows through artificial insemination service in herds owned by Atlantic members. He will remain at Lancaster headquarters barns for the next four years as he continues to grow and await evaluation of his progeny. If the results prove satisfactory, Steady will then go into extensive service throughout the Cooperative's 12,000-member area and his semen may be marketed to other parts of the world.

The bloodlines in this young bull's pedigree are specially selected for Atlantic's breeding program. His sire, S-W-D Valiant is scored "Excellent" in body conformation and received the Gold Medal Sire award from the Holstein Association last year.

His dam, Tri-Town Gay Joan, is scored "Very Good" in body conformation in the Nolt herd and has two records over 21,500 pounds of milk and 800 pounds of butterfat. Joan's sire, Harrisburg Gay Ideal, is a popular bull in the Atlantic stud. Her dam is also "very good" and has several high production records.

Ag chemical industry calls for pesticide patent relief

WASHINGTON, D.C. — Future world food demands could be seriously threatened unless reforms are made in the patent protection system for pesticides, a top official for the agricultural chemicals industry warned.

"The federal regulatory review process for new pesticides has caused an unforeseen erosion of the patent system," said Nicholas L. Reding, chairman of the Board of Directors of the National Agricultural Chemicals Association and Group Vice President and Managing Director, Monsanto Agricultural Products Company, St. Louis, Mo.

Reding, testifying on behalf of NACA before the Senate Judiciary Committee on the Patent Term Restoration Act (S. 255), told the panel that from five to seven years of patent life are lost under the current federal pesticide registration process.

This unchecked erosion of patent protection, he added, serves as a disincentive to continued industry innovation that will be needed to meet rising worldwide food demands.

"Most of the increases in food required to meet the projected increases in demand over the remainder of this century must come from raising the productivity of land already in cultivation," Reding said. "Achieving significant increases in land productivity requires capital input and use of technology on a massive scale."

Reding said, however, that without adequate patent protection, the industry cannot continue to undertake the massive research involved in discovering and developing new pesticide products.

"When protection is devalued," he said, "much of the incentive to invest long-term, high-risk capital in innovative pesticide research goes with it."

Reding noted pesticide patent holders have only the remaining time of the 17-year patent life following the 5 to 7-year registration process to recoup their invested capital, develop market strategies, prepare environmental compliance procedures, regain all other costs and realize a profit.

Passage of the Patent Term Restoration Act, Reding told the Committee, would help restore a portion of the patent rights lost to the registration process and would be an important first step in maintaining the incentive needed for pesticide research and development.

NACA is a non-profit, Washington-based trade organization whose 115 members make and formulate virtually all the crop protection chemicals used in the United States and a large percentage used abroad.

Timely tips:

Getting your baler ready

LANCASTER — Haying season is just around the corner and it's important for your baler to be in tip-top shape when that first cutting is ready to be taken off.

Some timely routine maintenance checks and a thorough cleaning will help insure that this basic farm implement will be set to move into the fields and remain in good operational condition throughout the long upcoming season, according to service experts at Sperry New Holland dealerships.

First, examine the P.T.O. shaft at the drive area and check for worn universal joints. Make certain the sliding members move freely and are well-lubricated.

Next, move on to the P.T.O. slip clutch. Disassembly will show any worn or rusty discs. When reassembling, refer to the slip clutch setting in the operator's manual.

On engine-equipped balers, thoroughly clean the exterior of the engine paying close attention to cooling fins on air-cooled engines and radiators on liquid-cooled. Replace the crackcase oil and the oil filter and service the air cleaner. Check the drive belts for cracks and replace where necessary, using the manual as a guide.

Another area of vital preventive maintenance centers on the baler chains. They should be kept oiled during the off-season and lubricated on a daily basis when in use Always check for alignment and adjustment.

When a chain becomes stretched to the point where all idler adjustment is used, it's time to install a new chain to prevent excessive wear and replacement of sprockets.

In the baler pick-up area, replace any bent or missing fingers, straighten or replace damaged guards and check the weight on the pick-up wheel. Also loosen the spring tension on the pick-up slip clutch. Disassemble and check for worn or rusty discs or plates. Reassemble and set at the tension prescribed in the manual.

Moving on to the feeder area, check and adjust the bearing clearances on the feeder carriage, feeder bar and tracks. Replace any broken or bent feeder fingers.

Sharp knives are important for the formation of good bales. Remove and sharpen both the plunger and stationary knives. Shims are used to align the knives. Make certain they are returned to original locations after sharpening, using the manual for guidance.

It's a good idea to check the knotter-twister area for grooves and replace worn parts as required. For a wire-tie machine, examine the rollers and guides on the underside of the bale case and remove any accumulation of hay or rust. Coat the inside of the bale case to prevent further rusting.

For general maintenance, keep the baler properly lubricated. Make certain all fittings take grease, even if removal is required to clean an accumulation of hardened dust or grease. Drain and refill all gearboxes.

The baler's hydraformatic system should be serviced only as recommended in the operator's manual.

Sorghums show how seed research continues

DEKALB, Il — Estimates place the number of crop species grown commercially in the U.S. at nearly 1,000. Only a few of these are native to the country. Most originated elsewhere and were introduced by Indian tribes moving from the south, by colonists who brought seed of their own crops, by plant explorers and diplomats, and by individual entrepreneurs who sought to fulfill a desire for something new and different.

Some of the introductions proved to be woefully unadapted. Others escaped from cultivation and became serious weed pests. Most, however, filled a need and have found a place in America.

Among the introductions proven to be very important to U.S. agriculture are the sorghums, none of which are native here. Sorghum types grown in the U.S. fall into four utilization groups:

—Grain sorghum — generally a dwarf type suitable for combine harvest. Grown for grain but can be used to make high energy silage.

— Forage sorghum — generally a tall-growing type harvested primarily for silage, or, sometimes, as dry bundle feed. May or may not have sweet juice.

— Grassy sorghum — fine stemmed and fine leaved types that are used primarily for grazing but may be harvested and used as green chop, silage or hay.

— Sweet sorghum — tall growing types that produce high quantities of sweet juice. Some forage types are sweet. Used for production of syrup for cooking use and now receiving considerable attention as a biomass crop useful for alcohol production.

There are also some weedy types of introduced sorghum that have escaped and become established as serious pests. Included are johnsongrass, shattercane, Sorghum alum and various crosses involving one or more of these.

Public breeders have conducted most of the limited research directed to improvement of the sweet varieties. Private or commercial breeding teams do most of the research on the other three types, with F-1 hybrids dominating the market in each case.

DeKalb AgResearch, Inc. initiated hybrid sorghum research in 1949 and made the world's first commercial hybrid sorghum seed available to farmers in 1956. The first hybrids were grain type, followed shortly by forage and the first grass type hybrids. Sorghum hybrids were quickly accepted by U.S. farmers, and by 1960 over 90 percent of the grain sorghum acreage was planted to hybrids.

Until recently, sorghum was considered relatively free of serious disease and insect pests. Sorghum research teams have made significant improvements in resistance to such diseases as the smuts, downy mildew, maize dwarf masaic virus, anthracnose and stalk rots caused by various fungi.

Insects of greatest importance include greenbugs, sorghum midge and chinch bugs. A success story illustrating the way industrial research can respond to a problem concerns greenbugs, which were first noted to cause economic damage to sorghum in 1968. Sorghum greenbug resistance, first discovered in agronomically undesirable types by research workers of the Kansas Agricultural Experiment Station, was incorporated into parent lines and resultant resistant hybrids were first offered in 1975.

Most of the industry followed this lead and at present, a high percentage of all grain sorghum hybrids carry this or similar sources of resistance to sorghum greenbugs. More recently, forage and grass type sorghums with this type of greenbug resistance have become available.

In 1980, a new form of greenbug (biotype E) was found to be able to successfully attack the previously resistant hybrids. Prompt screening of available breeding material identified a few promising parents that DeKalb is using to produce experimental sorghum hybrids which should withstand biotype E greenbug infestation.

Seed research effort in the United States is diverse and dynamic. It operates relatively free of government regulation and is able to respond quickly to changes in consumer preferences and needs. Commercial research teams are in a position to respond efficiently and well

WHAT'S NEW

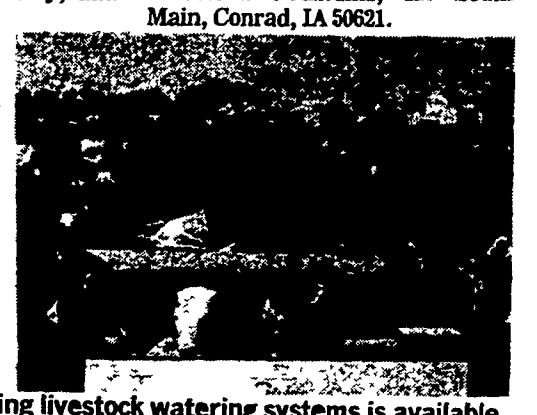
Water brochure offered

CONRAD, Ia. — Ritchie Livestock Fountains is offering a livestock watering brochure to producers to help plan, install, and maintain quality livestock watering systems.

The brochure gives maintenance and management information to help producers get maximum use from watering systems for increased livestock performance. The brochure addresses water needs for beef cattle, dairy, and swine operations.

Water quality and temperature are stressed for optimum water consumption and weight gains by livestock. Also, characteristics of a good waterer are given analyzing thermostatic temperature control, construction, proper heating elements, and waterer cleaning.

For your copy of "Ritchie Fountains-How to Use Water to Boost Profits", contact Ritchie Livestock Fountains, 120 South Main, Conrad, IA 50621.



Brochure explaining livestock watering systems is available to producers for beef, dairy and swine operations.

WHAT'S NEW

Small enough to fit in most feed rooms, the Sure Blend high-moisture feed mixer is large enough to accomodate 60 cows at one mixing.

High-moisture feed mixer

PLAINWELL, MI. — A new high-moisture feed mixer has been developed and is being marketed by The Bridge Street Company, Plainwell, Mich.

According to the manufacturer, the new feed mixer, called Sure Blend, is designed to rapidly mix high moisture corn with feed supplements. The system has a fine tune capability which assures a constant, uniform mix of ration every time.

Sure Blend is small enough to fit in most existing feed rooms, yet large enough to mix grain for up to 60 cows at one mixing. Adjustable legs provide adaptability to accommodate grain carts or other conveying methods. All moving parts are totally enclosed. Recommended motor size - 1 H.P. (motor not included).

For free literature, write to The Bridge Street Company, 712 E. Bridge Street, Plainwell, NI 49080.

New panel fans developed

LANSING, MI. — A new line of cost- and energy-efficient "GreenMaster" panel fans have been developed by Aerovent Fan and Equipment.

The five-blade, all-steel propellers are available in 36-, 42- and 48-inch diameters.

Accessories include a heavy-duty aluminum shutter and galvanized steel housing and guards. The shutter can be mounted on either side of the the housing. Electrical accessories such as a line-voltage thermostat, the corrosion-resistant T-1HA control cabinet, and a safety Fusetron switch are also available.

For more information, contact Aerovent Fan and Equipment, Inc., 929 Terminal Road, Lansing, MI 48906.

Farm Credit promotions

WEST CHESTER — William H. James, Jr., branch manager of the Southeast Farm Credit Service Office in West Chester, announces the promotions of Richard S. Datz to senior loan officer and Sally A. Hagele to loan officer.

Datz, a 1977 graduate of Cornell University where he earned a B.S. in Agricultural Economics & Animal Science, has been with Farm Credit since early 1979.

Hagele is a graduate of Downingtown Senior High School and holds a B.S. in Animal Science from the University of Delaware, where she was graduated in 1978. She joined Farm Credit in January, 1980.

SALE TILL MAY 30th

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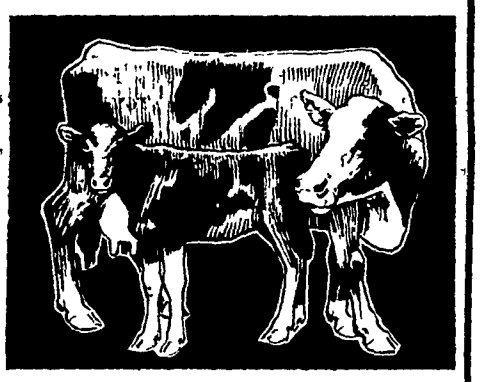

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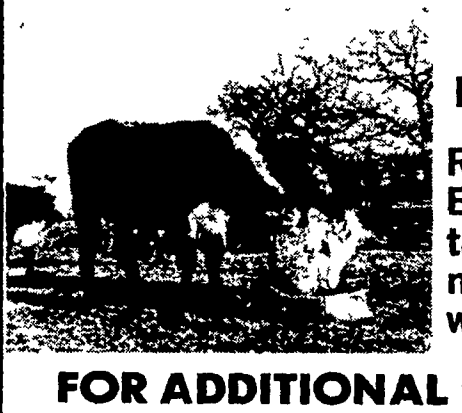

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Charbray breeders meet on Texas ranch

HOUSTON, Tex. — The Charbray Committee of the American-International Charolais Association held its spring meeting at the F. Howard and Mary D. Walsh Ranches at Aledo, Texas, recently. The meeting was the Charbray committee's first on-ranch committee meeting and attracted over 70 breeders and interested cattle producers.

The morning session of the meeting began with a welcome and introduction of the ranch personnel by Walsh General Manger, Lewis H. Marshall. Marshall exhibited various purebreds and crosses of Charolais, Charbray and Brahman cattle. Marshall said in breeding high quality Charbray it was important to begin with high quality Charolais and Brahman or Zebu cattle.

Lunch was a Texas style barbecue and beans with plenty of peppers. The luncheon speakers included J.W. Laycock of the Texas State Department of Health who briefly discussed the proposed new statewide Brucellosis eradication program.

Other speakers were Johnny Joyce, a Brahman cattleman from Sealy, Texas, Jim Link of the Texas Christian University Ranch Management School in Dallas and Joe C. Paschal, Director of Breed Improvement and Foreign Marketing for AICA in Houston.

That afternoon the Charbray Committee met to discuss a proposed Classification Program for their breed. No action was taken during the meeting on the program except to vote on approval of the need for such a program.

Other items discussed were the initiation of a Charbray show in Mercedes, Texas, in the spring of 1982 and the possibility of holding a Charolais F-1 Show following the 13th National Charolais show in November at the North American International Livestock Exposition in Louisville, Kentucky.

The Charbray breed is the oldest purebred breed established in the U.S. with a base of Charolais blood. And it is one of the oldest U.S. beef breeds with an established herd book.

The Charbray breed was created from crossings of registered Charolais and Zebu or American Brahman cattle which are bred up to the 5/8 Charolais - 3/8 Zebu combination, considered to be the most prepotent and workable combination of breeding.

Charbary incorporates the fast rate of growth, carcass characteristics and maternal ability of the Charolais with the higher dry matter digestability, more efficient protein utilization, resistance to both internal and external parasites and rangeability of Zebu cattle.

Charbray cattle are large framed, growthy cattle that are creamy to dark straw in color. They have excellent dispositions and several notable production traits which have been documented in research of the breed.

Buck tractor pull held

Bucks tractor pull results from May 16:

5 Mod

1. William Almoney, Wrightsville, Pa., 429 Ford, 222.9; 2. Carl Kreider, New Providence, Pa., 454 Chevy, 159.2; 3. C&E Pulling Team, Myerstown, Pa., 468 Chevy, 157.3.

7 Super Stock

1. Calenion Wheatley, Bethel, Del, J.D. 4240, 300-146.7; 2. Tom Souage, Monronia, Md., J.D. 4240, 300-105.3; 3. Bert Stauffer, Ephrata, Pa., 8006 Deutz, 300-146.7.

5800 FWD

1. Diehl Wilson, Winchester, Va., 1971 Ford, 300; 2. Ron Kauffman, Holtwood, Pa., 1975 Ford, 223.7; 3. Dan Fellanbaum Jr., Lititz, Pa. 1969 Chevy, 209.7.

7 Mod.

1. C&E Pulling Team, Lebanon, Pa., 2-468 Chevy, 300-145.0; 2. Mike Hoff, Westminster, Md., Henie, 300; 3. Glenn Darrell, McDowell, Va., Allison, 278.10.

9 Super Stock

1. Tom Middleton, Ridgely, Md., IH 966, 177.6; 2. Howard Meredith, Wye Mills, Md., IH 1066, 165.11; 3. Tom Sonage, Monrovia, Md., JD 4240, 162.11.

9 Open

1. Mike Hoff, Westminster, Md., Hemi, 300-214.9; 2. John Shaul, Fultonham, N.Y., Allison, 300-178.3; 3. Harold Martin, Lititz, Pa., Allison, 288.2.

6200 FWD

1. Robert Smith, Winchester, Va., 1970 Chevy, 126.3; 2. John McCully, Davidsonville, Md., 1975 Ford, 124.7; 3. Diehl Wilson, Winchester, Va., 1971 Ford, 108.8.

12 Open

1. Mike Hoff, Westminster, Md., Hemi, 251.4; 2. J&H Team, Fultonham, N.Y., Allison, 238.9; 3. Willard Will, Central City, Pa., Allison, 207.8.

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Researchers propose ag uses for power plant waste heat

NEWARK, Dela. — A University of Delaware Agricultural Experiment Station researcher says waste heat generated by power plants could be recycled for grain drying and greenhouse heating.

Kenneth Lomax, an agricultural engineer, says there are two power plants on Delmarva that might be able to supply waste heat for agricultural purposes — one proposed for Vienna, Maryland, and the other in operation at Indian River, Delaware.

Lomax and research associate Robert Gray studied the Vienna Power Plant under a grant from the State of Maryland Power Plant Siting Program. They concluded waste heat, in the form of warm water, might be an energy-saving alternative to conventional propane grain drying if arrangements were made for tapping the heat.

The two suggest the waste heat also could be used to heat greenhouses during the cold weather months when it would not be needed for grain drying.

Lomax has received a follow-up grant from Delmarva Power and Light Company to explore these possibilities further. University of Delaware plant scientists Charles Curtis, Wallace Pill, David Frey, and Charles Dunham are serving as horticultural consultants on the project.

Waste heat from electric power generating stations is a plentiful low-grade source of energy. Since power plants like the ones at Vienna and Indian River are located in rural areas, it's logical to look for agricultural uses for this waste heat. Harnessing this resource for agricultural purposes would benefit the power company, the farmer, and ultimately the consumer.

Lomax considered a number of possible agricltural uses for the warm water, but rejected some because they were either non-economical, or because they could make use of the waste heat during only a small portion of the year.

The beauty of using the waste heat for grain drying and greenhouse heating is: grain is dried from June through November when power plants generate peak electricity, and greenhouses need supplemental heat only during the cooler months — October through April at most. Integration of crop drying with greenhouse heating would allow use of the heat transfer equipment during most of the year.

Greenhouse heating has received more research effort than other uses of waste heat in the United States. That's because greenhouses are large users of energy, the crops grown in them are relatively high value and relatively dense, and the temperatures needed are in the range of warm water from the condenser cooling system.

The University of Delaware agricultural engineers and plant scientists are investigating appropriate greenhouse heating systems for the Indian River power plant, based on water temperature, distance, and water quality. The choice of heating system will in turn affect the crops that can be grown.

Greenhouse production of tomatoes, roses, or chrysanthemums all appear to have economic potential for Delaware, but each has its own temperature and humidity requirements. The researchers need to determine the most efficient and profitable combinations of heating systems and crops for local conditions.

Lomax and Gray have already developed a waste heat analysis procedure for evaluating the grain drying application. Their computer model uses grain production data, condenser cooling water characteristics, weather conditions and site information to plan an economically efficient grain drying system.

Instead of drying grain on their own farm using propane for heat, the nearby farmers might take grain to a waste heat drying facility.

Grain drying with waste heat instead of propane has the potential to reduce the cost of drying from about 2.5 cents to 1.6 cents per bushel per point of moisture. Although it takes gasoline to haul truckloads of grain to a central drying facility, farmers within about 15 miles of the central facility would still come out ahead in terms of energy costs because the LP gas they would save by waste heat drying would exceed their transportation costs.

Part of the Agricultural Experiment State project is to determine the proper size of a grain drying unit for the number of farmers who would use it. The facility would have to be designed in such a way that it would profit both the power company and the farmers.

Following the separate evaluations of greenhouse and grain drying operations using waste heat, the researchers will consider the advantages of trade-offs associated with shared equipment. Their economic and technical analysis will include cost sharing mechanisms, greenhouse temperature predictions, and physical arrangements.

Several heat exchanger equipment sharing options exist: a drying facility might rent the heat exchanger to a greenhouse operation; or they could own it jointly; or the power company might rent the unit to both waste heat users. If the heat exchanger is optimized for the drying operation, then the greenhouse air temperatures will be a function of that design, and the crops will have to be chosen accordingly.

Trade-offs in cost and efficiency will have to be evaluated. The result of the shared equipment analysis will be an economic predictor of the combined waste heat operations.

Whether one company or two share the cost of the equipment, the cost of energy transfer should be lower for both applications. Energy that would have been wasted would be put to productive use, the petroleum energy would be conserved for the future.

Franklin Co. offers solar water heater workshop

CHAMBERSBURG — Franklin County residents will have the opportunity to learn to build their own passive solar water heaters.

A "hands on" workshop where these solar water heaters will actually be built is scheduled for July 10 and 11, sponsored by the Franklin County Conservation District.

The type of water heater being built will be the "bread box" type. It consists of two heavy duty 40-gallon galvanized hot water tanks housed in a well insulated, foil-lined box, the southern face of which is covered with a special translucent plastic.

The system can function year round and acts as a pre-heater, raising the temperature of incoming water from the ground temperature of 55 degrees Fahrenheit to as high as 130 degrees Fahrenheit. This hotter water entering the regular water heater does not require as much energy to be brought up to the standard temperature of household hot water.

The unit requires no energy or controls other than the building's existing water pump. Water is moved through the tanks by normal line pressure when hot water is drawn inside. The unit is located on the ground, a southern wall, or porch.

Instructors for the workshop will be Mark Whitmoyer and Paul Swartz of Conservation Concepts, Inc., Hummelstown.

Whitmoyer is a consultant to the Bureau of Community Energy of the State Department of Community Affairs. He has had considerable experience in designing, building, and monitoring the performance of solar greenhouses. He also teaches various courses related to energy conservation at Dickinson College and Harrisburg Area Community College.

Swartz is the executive assistant to the Dauphin County Conservation District and has a broad conservation background.

Registration for the workshop is now open. A limited number of registrants will be "owner-builders." These people will purchase the materials to build the solar heaters and own them at the conclusion of the workshop.

Contact Beverly Kauffman at the Franklin Conservation District office, 550 Cleveland Avenue, Chambersburg, PA 17201 or phone 717/264-8074, for more information.

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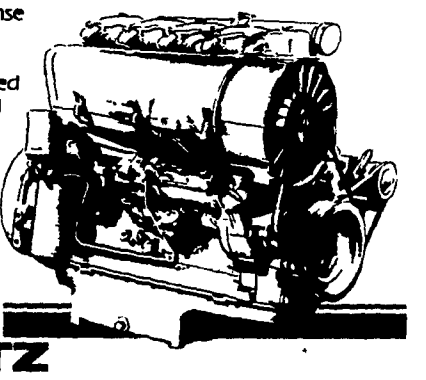

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Entomologist joins U. OF Delaware staff

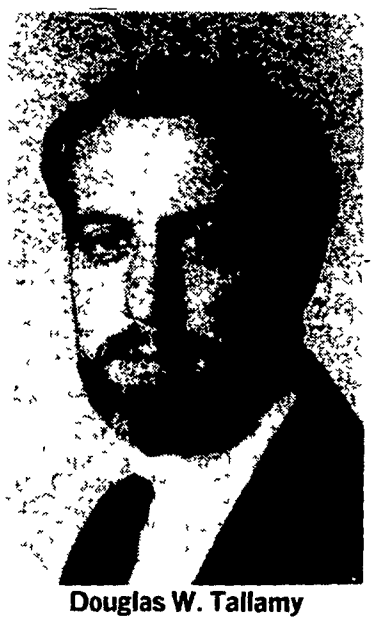
NEWARK, Dela. — Douglas W. Tallamy, a specialist in entomology and applied ecology, has joined the faculty of the department of entomology and applied ecology at the University of Delaware. He holds the title of assistant professor.

Tallamy is a native of north-central New Jersey. He earned his B.S. degree in biology at Allegheny College. He holds an M.S. in entomology from Rutgers University and a Ph.D. in entomology from the University of Maryland.

His master's thesis was on biting flies. For his doctoral dissertation he studied the maternal behavior of a species of lacebug. He also did a year of post-doctoral study at the University of Iowa, where he continued his observations of lacebug behavior.

At Delaware, Tallamy will be doing research on plant-insect interactions — specifically, the ability of plants to protect themselves from insect feeding by releasing a defensive chemical.

"This defense mechanism can be triggered simply by tearing a leaf," says Tallomay. "Response is rather quick - within 40 minutes of the time the leaf is damaged.



Douglas W. Tallamy

Many plants protect themselves this way."

This is a relatively new area of research with important implications.

"If we can get plants to defend themselves more effectively against insect damage, certainly we can save a lot of money on insecticides," he says.

The entomologist is now in the process of writing up grant proposals for specific research in this area.

Tallamy will teach insect taxonomy and also plans to develop a new course on insect behavior that will be introduced next spring.

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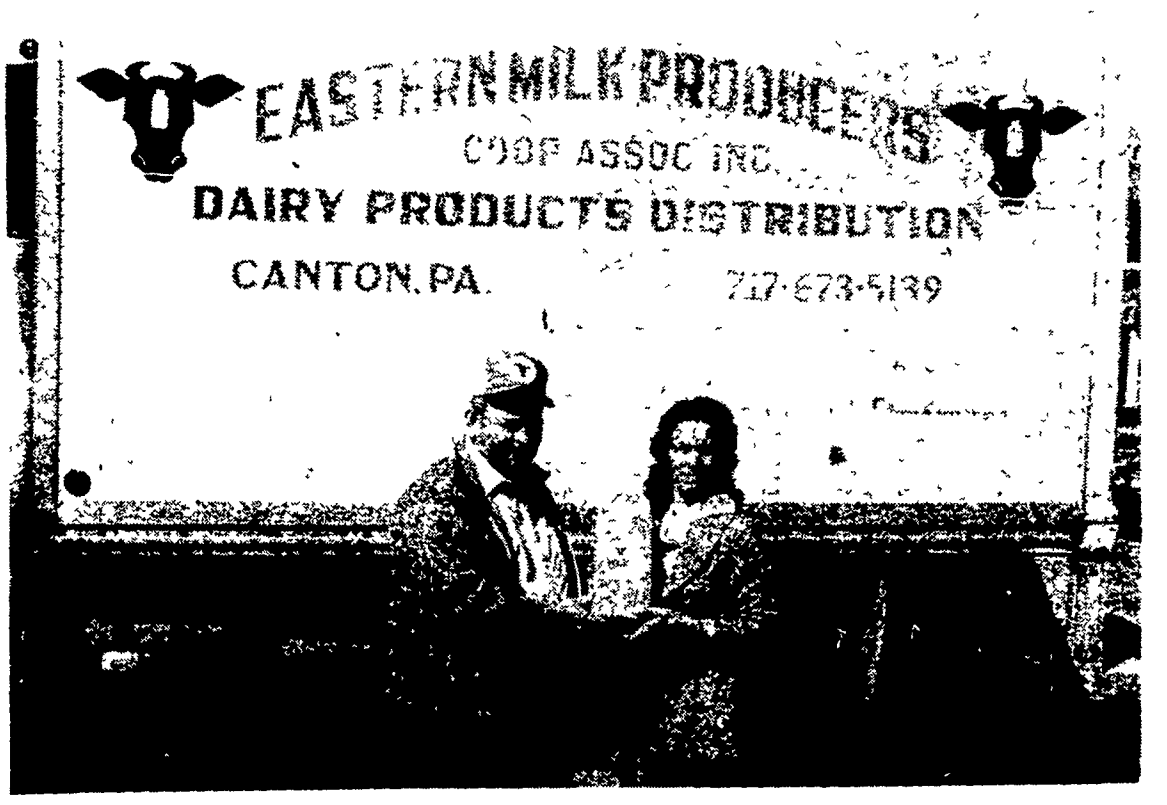

Earl Hartford, driver for Eastern Milk Producers presents Joyce Eckhart with ten pounds of cheese for placing the first order in the state.

Cheese block goes to Berks Grangers

BY LAUREL SCHAEFFER
Staff Correspondent

BERNVILLE — In an effort to sell surplus milk, Eastern Milk Producers Cooperative has launched an advance order sale of dairy products through the Pennsylvania State Grange.

Orders are delivered to area Grange Halls every six weeks.

Paul and Joyce Eckhart, R1 Bethel, received a complimentary ten-pound block of cheese by placing the first order in this sale. Joyce has been a member of the Turbett Grange of Juniata County since she was fourteen years of age. The Eckharts have moved to Berks County. Joyce, who accepted the gift, is employed at the Lelander Convalescence and Rehabilitation Center, West Reading.

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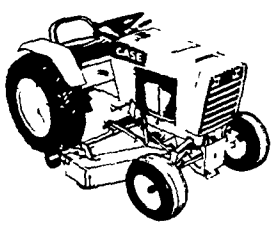

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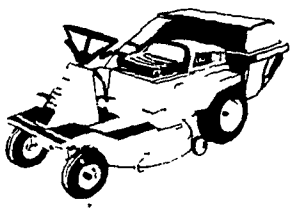

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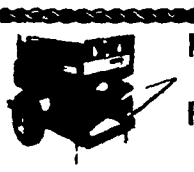

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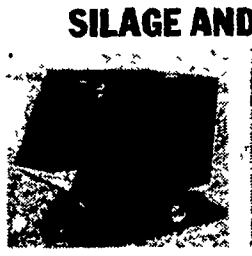

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Myerstown, Pa 17067

FARM BUREAU
Mill Street
Dublin, PA 18917

FARM BUREAU
115 Washington Ave.
Souderton, PA 18964
PH. (215) 273-4355

ROBERT GUTSHALL
RD 1212 Womelsdorf, PA 19567
PH (717) 933-4616

CHESTER INGRAM
Hublersburg RD 2
Bellefonte, PA 16823
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LAPP'S HARDWARE & DAIRY SUPPLIES
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Quarryville, PA 17566

DELIVERIES AVAILABLE

Chester County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

April 1981

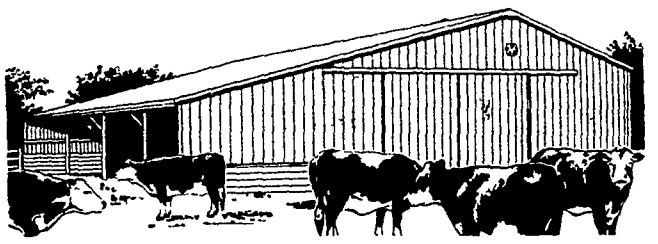
The cow with high fat was owned by John S Stoltzfus
The cow with high milk was owned by J Raymond Harnish
The high herd for fat and milk was owned by Melvin S Stoltzfus

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Melvin Stoltzfus	3	32 4	94 0	64 3	4 4	2 84
Paul King	3	76 8	93.6	59 9	4 0	2 37
Ardrossan Farms	1	107.1	94 2	56 1	4 1	2 32
Harold R Kulp	B3	71.0	96.9	57.2	4.1	2 32
Willowland Farm	3	60.3	97.1	60 1	3 8	2 29
John M Umble	3	41 6	86 1	55.5	4 1	2 25
Merle J. King	B3	80 0	95 9	53.4	4 2	2 24
Jefferson D Yoder	3	60 0	97 1	60.6	3.7	2.23
John S Stoltzfus	3	70 1	92 4	55 0	4 0	2 22
Dunwood Farm	3	46 2	96 2	54 1	4 0	2 16
Beiler & Barlow	3	58 2	94 9	53.2	4 1	2 16
John R. Groff	3	49 7	92 8	52 4	4 1	2 16
Leon D. Kurtz	3	39 0	83 7	55 2	3 8	2 11
J Kenneth Landis	B3	45 6	97 7	51 4	4 1	2 11
Mast Stoltzfus	B3	50 1	90 8	51 5	4 1	2 09
John L Stoltzfus	B3	29 3	93 4	58 1	3 6	2 09
Daniel Stoltzfus	B3	42 0	84 3	49 8	4 2	2 09
V. Guest & Son	B3	82 4	94 7	53 9	3 9	2 08
Timothy Kauffman	3	39 9	97 2	59 4	3 5	2 08
H & R Mason	3	94 5	92 8	54 7	3 8	2 07
J Raymond Harnish	B3	79 8	89 0	54 6	3 8	2 07
David E Weaver	3	85.9	90 8	51 6	4 0	2 07
David Stoltzfus	B3	41.5	91 1	51 5	4 0	2 06
D & T Kauffman	3	27 3	89 1	52.9	3 9	2 06
Jonas B Stoltzfus	3	40 0	89 6	55 7	3 7	2 04
D Hostetter Jr	3	45.0	91 5	53 9	3 8	2 03
Simon Z Zook	G3	43 3	93 0	52 8	3 8	2 03
Joseph I Kulp	B3	50 8	94 8	51 3	3 9	2 02
Elmer A Mast	B8	70.7	95 0	49 5	4 1	2 01
Round Top Farm	B3	87 3	88 7	56 5	3 6	2 01
John L Stoltzfus	B3	28 5	89 6	52 6	3 8	2 01
R Proud & Son	B3	57 4	93 7	52 0	3 8	2 00
Benjamin Kauffman	3	43 5	96 9	47 5	4 2	1 98
Christ Stoltzfus	3	55 8	92 6	56 6	3 5	1 98
Jonas Z King	B3	39 0	96 4	56 1	3 5	1 97
Omer S Smoker	B3	76 2	92 4	51 5	3 8	1 96
Herman Stoltzfus	B8	49 5	92 5	51 5	3 8	1 96
Kulp Bros	G3	82 5	90 5	52 2	3 7	1 95
J Harold Bare	3	58 4	87 7	49 8	3.9	1.95
F Miller & Sons	B3	66 4	88 9	49 1	4.0	1 94
H Freese & Son	3	66 4	82 4	50 4	3.8	1 92
Benjamin Kauffman	B3	31 0	95 5	52 5	3 6	1 91
Elvin P Graybill	B3	48 0	94 8	50 4	3 8	1 90
Rose View Dairies	B3	45 3	90 2	47 2	4 0	1 89
Paul M Snader	B3	27 0	97 2	50 9	3 7	1 88
Mildred Seeds	4	12 1	88 2	36 7	5 1	1 88
Newton Evans Jr	3	72.5	91 2	50 2	3 7	1 87
Daniel Kauffman	B3	38 0	91 8	53 2	3 5	1 87
J. Elmer Lapp	3	37 9	94 9	46 8	4 0	1.86
Kauffman Bros	3	62 4	93 7	48 7	3 8	1.86
Lene Hill Farms	B3	57 3	88 6	48 1	3 8	1.85
David Walton	3	44 0	90.8	48.0	3 8	1.84
Harold J. Ranck	3	52 0	87.4	45 6	4 0	1 84
Enos R Peifer	B3	56 0	88.3	48 0	3 8	1 84
Donald M Horning	B3	41 0	91.2	46 7	3 9	1 83
Landis S Reid	B3	65 2	92 9	48 4	3 8	1 83
Dennis Bush	B3	123 7	91 6	50 3	3 6	1 83
Gottlieb Strohmaier	B3	91 8	91 3	47 2	3 9	1 83
Roll A Way Farms	B3	56 1	87 5	47.0	3 9	1 83
G Stoltzfus Jr	B3	43 3	85 2	50 7	3 6	1 82
Rothenberger Bros	G3	121 6	95 1	48 2	3 8	1 82
Charles H. Gable	1	67 2	86 2	40.4	4 5	1.81
Samuel B. Acker	B3	196.7	93 3	49 2	3 7	1 81
Eli K. Stoltzfus	B3	39.0	92 2	48 1	3 8	1 81
Lloyd Mast & Sons	3	121.6	94 4	46 3	3 9	1 80
Wilmer Hostetter	B3	40.0	79 6	45 1	4.0	1 80
Walmoore 1	B3	145 8	91 3	48 7	3.7	1 79
D Hostetter Jr.	3	80.3	80 9	46.9	3 8	1 79
Horace Prange	B3	50 1	90 6	43 4	4.1	1 78
Walmoore	B3	141 3	91 6	47 1	3 8	1 78
Walmoore #3	B3	145 9	90 5	47 3	3 8	1 78
Richard Hostetter	B3	71 4	89 6	48 5	3 7	1 78
David Bartram	B3	104 8	91 7	44 1	4 0	1 77
James V Yale	B3	59 7	90 3	45 8	3 9	1 77
Penn Valley Farm	B3	58 4	91 2	46 6	3 8	1 77
Marsh Acres Farm	B3	89 9	90 1	43 8	4 0	1 76
Edgar Miller	B3	43 6	98 2	48 6	3 6	1 76
Lester Eby	3	49 6	92 9	46 4	3 8	1 75
Charles J Moore	B3	53 3	83 0	45 3	3 9	1 75
A R Stauffer	B3	29 3	88 8	44 3	3 9	1 74
Robert M Crowl	2	43.0	94 8	37 0	4 7	1 74
David L Weaver	B3	45 5	82 7	47 4	3 7	1 74
Andrew K King	G3	40 6	90 0	46 1	3 8	1 74
Calvin R Blank	B3	54 1	86 8	45 3	3 8	1 73
Henry M Hershey	B3	56 7	97 4	39 6	4 3	1 72
Louis C Neyman	G3	37 0	89 2	44 6	3 8	1 71
Arthur D Hershey	3	53 0	87 6	45 3	3 8	1 71
Mt Olivet Farm	B3	141 7	93 0	45 4	3 8	1 71
Harold Kulp	1	42 6	87 9	39 8	4 3	1 71
Harold J Ranck	3	35 0	83 6	45 3	3 8	1 70
Allen S Hoover	B3	137 5	90 3	46 9	3 6	1 68
Joseph S. King	B3	81 3	85 3	41 8	4 0	1 67
Harvey Reiff	B3	40 3	86 1	43 7	3 8	1 66
John P. Kauffman	B3	39 6	88 2	46 0	3 6	1 65
Chester Hills Fm	B3	132 4	95 4	45 2	3 7	1 65
Robert H Herr	G3	34 0	90 6	45 0	3 7	1 65
E Kent High	B3	127 5	91 9	40 1	4 1	1 64
J Dean Cheek Jr	B3	41 1	82 8	49 8	3 3	1 64
Applebrook Guern	2	54 9	89 9	31 6	5 2	1 63
William High	3	101 4	82 0	42 5	3 8	1 63
T Halladay & Son	B3	72 4	90 1	41 4	3 9	1 63
A Dudley & Son	B3	50 6	84 8	41 1	4.0	1 63
Robert W. Campbell	1	41 2	77 1	41 5	3.9	1 61
David Windle	B3	48 9	78 6	41 3	3 9	1 61
Paul Smoker	G3	51 6	90 8	39 9	4.0	1 61
Jonas K King	B3	37 1	72 6	45 5	3 5	1 61
Milky Run Dairy	B3	38 9	88 2	42.5	3 8	1 61
Donald H Windle	B3	134 9	95 0	42.0	3 8	1 60
Calvin S Kurtz	B3	60 0	85 2	40.6	3 9	1.60
Jonas E Stoltzfus	3	33 5	93 9	45 6	3 5	1.59
Howard Swavely III	3	52.6	87 3	40 4	3.9	1 59
Isaac Stoltzfus	G3	30.0	93 6	42.9	3 7	1 59
Parry Bros	G3	222.8	84 2	42 3	3 7	1 58
M & J. Edwards	B3	62.2	87.6	40 5	3.9	1 56
Harvey C Waltz	B3	80.2	93 9	41.3	3 8	1 56
W B Dixon Strowd	G3	122 6	88 9	46 4	3 4	1 56
Quiet Valley Farm	8	50.9	93 7	39 4	3 9	1 55
Mrs J Hannum 3D	G3	101 3	80 3	39 9	3 9	1 55
Harry L. Griest	B3	62 0	92.1	39 1	4 0	1 55
Bryncoed Fms Inc	3	179 0	90 4	42 0	3 7	1 55
Getaway Farm	B3	158 6	88 1	38 9	4 0	1 55
Donald Speakman	B3	90 8	90 4	41 8	3 7	1 55
Earl Mast	3	33 9	75 1	40 5	3 8	1 54
Delphi Farms	3	93 1	82 5	38 2	4 0	1 54
Thomas W Kaiser	B3	26 2	91 2	39.6	3 9	1 54
Wilkinson Fm #1	G3	249 9	94 5	40.0	3 9	1 54
Kimberton Fm Sch	2	70.7	79 1	32.0	4 7	1 51
David Darlington	B3	53 6	93 7	41.3	3 7	1 51
Elvin M Rohrer	B3	49 6	89 0	39.4	3 8	1 51
John P Stees	B3	39 8	90 9	39 4	3 8	1 51
Howard H Moore	B3	32 3	92 3	39 5	3 8	1 51
Delphi Farms	3	82 9	84 0	36 9	4 1	1 50

OWNER NAME OR NUMBER		DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
John S Stoltzfus					
Kim	3	305	26,645	3 8	1019
Dart	3	297	22,056	4 1	905
Joke	3	305	20,973	4 1	860
Connie	3	305	19,270	4 1	781
Dunwood Farm					
Star	3	305	21,534	4 4	952
Floyd Miller & Sons					
7	3	305	21,141	4 5	948

(Turn to Page B8)

MORTON BUILDINGS



50' X 72'
Cattle Barn
with TWO 16' X 11' DOUBLE END DOORS
FOUR SKYLIGHTS
$11,150.00

Price based on cash terms with customer furnishing unloading help. Erection at our convenience on level ground within 40 miles of a Morton Buildings sales office. Beyond 40 miles add crew travel expense. Length may be increased in units of 18' at $1890.00. Offer expires June 15, 1981.

For further information and a tour of Morton Buildings nearby, mail coupon to the nearest Morton Sales Office listed below.

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Rd. #4, Box 34A, Gettysburg, PA 17325..... Ph. 717/334-2168
Box 937, State College, PA 16801 ..... Ph. 814/383-4355
Box 529, Culpepper, VA 22701..... Ph. 703-825-3633

☐ Send information on MORTON BUILDINGS LF
☐ Have your salesman phone for an appointment
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☐ Horse Barns ☐ Grain Storage
☐ Garages ☐ Free Stall Barns
☐ Livestock Barns

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Here's a story hot off the press For a limited time only you ll get from $300 to $4,300 back from Massey when you buy any new MF Compact Farm Utility 2000 Series or 4000 Series Tractor Of if you choose you can finance through Massey-Ferguson and pay no finance charges until October 1, 1981 Now, in today's economy that's good news

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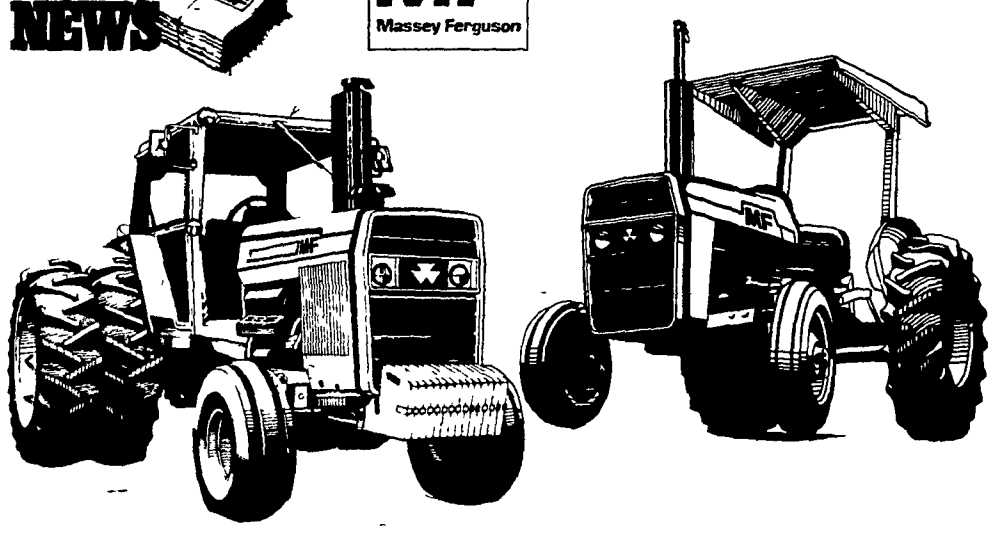
TRACTOR (Horsepower*)	REBATE	OR PAY NO FINANCE CHARGES
MF 205/205 4 (20 eng hp)	$300	
MF 210/210 4 (25 eng hp)	$400	
MF 220/220 4 (31 eng hp)	$500	
MF 230/245/154 4 (34 42 42 PTO hp)	$400	
MF 255/265/275/184 4 (52 60 67 62 PTO hp)	$600	Until October 1 1981
MF 285 (81 PTO hp)	$800	
MF 2675/2705 (100 120 PTO hp)	$1 300	
MF 2745/2775/2805 (140 160 190 PTO hp)	$1 700	
MF 4800/4840 (225 265 eng hp)	$3 700	
MF 4880/4900 (320 375 eng hp)	$4 300	

*MFG RATED HP

Offers are good for a limited time only and may exclude some units.



LEBANON VALLEY IMP. CO., INC.
700 EAST LINDEN ST
RICHLAND, PA. 17087
717-866-7518

Chester Co. DHIA

(Continued from Page B7)

32	3	305	18,099	4 6	841
45	3	305	19,145	3 8	720
Mast Stoltzfus					
Pat	3	305	20,447	4 5	928
H&R Mason					
10G	3	305	21,860	4 2	913
29G	3	305	21,721	4 0	875
113A	3	305	20,528	4 2	860
90B	3	294	19,216	4 1	782
Gideon Stoltzfus Jr					
Star	3	305	21,465	4 2	909
Harvey C Waltz					
78	3	305	23,942	3 6	872
91	3	305	16,706	4 6	767
J Raymond Harnish					
Ellen	3	303	25,514	3 4	859
Peppy	3	305	27,736	3 0	823
David K Stoltzfus					
3	3	303	21,391	4 0	850
34	3	305	23,738	3 3	773
4	3	296	19,665	3 9	771
Paul King					
Betsy	3	305	20,722	4 0	836
M3	3	305	18,649	4 3	802
Happy	3	283	21,341	3 5	752
Tippy	3	268	16,373	4 3	700
Calvin R Blank					
Pam	3	305	21,218	3 9	832
Walmoore 2					
928	3	305	25,014	3 3	830
121	3	305	15,591	4 8	741
Merle J King					
Folly	3	305	22,630	3 6	823
Spell	3	297	20,982	3 7	778
Sheila	3	305	20,107	3 6	717
Harold R Kulp					
Zeno	3	305	19,292	4 2	816
John R Groff					
Doreen	3	305	17,846	4 6	814
Willowland Farm					
Connie	3	305	18,224	4 5	813
Molly	3	275	20,619	3 5	725
Bobbie	3	305	17,402	4 1	710
Timothy Kauffman #1					
Wonder	3	305	21,506	3 7	806
Snooky	3	305	23,738	3 2	757
Dottie	3	305	21,444	3 5	740
Pixie	3	305	16,850	4 3	730
Henry S King					
Whitie	3	305	19,928	4 0	803
Ruby	3	305	20,673	3 6	746
John S Smoker					
32	3	305	17,858	4 5	796
Joseph S King					
13	3	305	17,752	4 5	790
Jonas B Stoltzfus					
Lou	3	305	18,417	4 3	788
Tam	3	305	16,645	4 5	756
[illegible]		305	24,117	3 1	753
David L Weaver					
Potsie	3	305	20,001	3 9	785
Mae	3	305	16,383	4 4	722
Parry Bros					
99	3	305	21,983	3 5	779
632	3	305	18,617	4 0	736
Harry Freese & Son					
Hulk	3	305	20,926	3 7	779
Lulu	3	305	20,577	3 6	749
Bonnie	3	305	18,843	3 9	740
Hazel	3	305	17,676	4 1	717
Robert W Campbell					
Mikie	1	305	17,799	4 3	774
Kauffman Bros					
Candy	3	305	17,980	4 3	768
Elmer A Mast					
Burke	3	305	18,411	4 2	766
Momaker	3	305	19,619	3 8	750
Win	3	305	21,469	3 5	747
John L Stoltzfus					
3	3	305	20,631	3 7	764
David & Tim Kauffman					
Patty	3	305	20,455	3 7	760
Amy	3	285	20,332	3 7	747
Round Top Farm					
7	3	305	20,312	3 7	759
80	3	278	18,839	3 9	739
Vernon Guest & Son					
Jody	3	305	17,482	4 3	756
James V Yale					
4	3	305	15,651	4 8	756
Walmoore 1					
222	3	305	21,576	3 5	751
Kulp Bros					
180	3	305	19,071	3 9	747
196	3	292	18,098	4 0	722
212	3	305	18,892	3 7	702
Ardrossan Farms					
L-Beti	1	305	18,786	4 0	747
J Harold Bare					
45	3	305	18,355	4 1	744
Jonas Z King					
Cindy	3	305	16,841	4 4	739
Sue	3	305	19,316	3 7	714
Horace Prange					
Sophy	3	305	21,112	3 5	735
Richard Proud & Son					
B9	3	305	20,603	3 5	730
159	3	305	22,064	3 2	709
William High					
94	3	305	20,617	3 5	729
Getaway Farm					
298	8	305	19,059	3 8	729
Jefferson D Yoder					
60	3	305	21,836	3 3	720
Paul Smoker					
22	3	305	15,018	4 8	720
David Windle					
Diane	3	305	18,464	3 9	713
Howard Swavely III					
39	3	305	17,101	4 1	706
Donald H Windle					
136	3	305	18,061	3 9	704
Newton Evans Jr					
45	3	305	17,411	4 0	702
Arthur D Hershey					
Fres	3	305	17,403	4 0	701
Aaron Burkholder					
71	3	297	18,989	3 7	700
Samuel B Acker					
416	3	305	14,983	4 7	700

Everett Rank is new ASCS administrator

WASHINGTON, D.C. — Secretary of Agriculture John Block has named Everett Rank as administrator of the Agricultural Stabilization and Conservation Service and executive vice president of the Commodity Credit Corporation. Rank has served as administrator-designate since March 9.

Rank, a native of Fresno, California, farmed cotton, almonds and grain.

Following 10 years of service as chairman of the Fresno County Agricultural Stabilization and Conservation committee, Rank was appointed chairman of the California State ASC committee in 1969. He held that post until named ASCS Western Regional Director in 1974.

He has been a member of the American Farm Bureau Federation for 34 years and has also served on the board of directors of the Ranchers Cotton Oil Company Cal Cot and the Clovis Sanger Gin. He was on the board of governors of the Agriculture Foundation at California State University of Fresno.

In his new position, Rank will administer policies and programs of the Agricultural Stabilization and Conservation Service through its 50 state and 2700 county offices. Programs under that agency include those for farm commodities, cost-sharing and environmental protection, natural disaster emergences, national defense relating to farm production, conservation, income stabilization and the handling, storage and distribution of grains and foods.

Rank and his family live in Alexandria, Va.

xxx

Did you know that you can substitute one cup of yogurt for one cup of water when making gelatin salads? The change in flavor, taste and texture is delightful.

Experience good feelings this time of year with a crib of beautiful, natural-dry shelled corn

A reserve crib full of natural-dry golden yellow whole kernel shelled corn can give you a mighty good feeling this time of year. Especially when you know your crib is a shelled corn storage bin that uses the same drying principle approved by farmers for centuries to keep high quality ear corn.

This good feeling comes for three reasons. One, you feel good when you see your bright whole corn kernels in the bin. No popped grains from excessive heat drying. No unpalatable, scorched kernels. No dust in your bin from the heat-drying process.

Two, you feel good when you feed natural-dry, chill cured corn. Your livestock and poultry can gain more weight and produce more eggs with less shelled corn. That's because this scientifically designed grain storage system doesn't burn away starches or protein in the drying process. You only evaporate away the moisture. You retain more volume and more feed value.

Three, you feel good when you look in your pocketbook. Because you no longer need to spend up to 25 percent of your corn crop to have the grain elevator dry your corn at harvest. Because you can store your grain on the farm until the low harvest time prices have risen. And because after your neighbors have tried some of your natural-dry corn in their feeding program, you can expect a premium price for your top quality corn.

For more information on how you can experience a good feeling this time of year with a storage bin full of beautiful, yellow whole-kernel, natural-dry shelled corn, write to

Advanced Ag Systems RD 2, Box 174, Elverson, PA 19520.
Or call

HARVESTALL The Harvestall Chillcuring System

KEN SAUDER
Brownstown, PA 17508
Phone: (717) 656-6519

MILFORD MAST
Elverson, PA 19520
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Newville, PA
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- ☐ Horses & Mules
- ☐ Sheep & Goats
- ☐ Swine
- ☐ Artificial Breeding
- ☐ Hog Equipment & Supplies
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- ☐ Help Wanted
- ☐ Situations Wanted
- ☐ Business Opportunity
- ☐ Trucks & Trailers
- ☐ Autos
- ☐ Recreational Vehicles
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- ☐ Found
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15	2 40	5.76
16	2.56	6 14
17	2.72	6.53
18	2 88	6 91
19	3.04	7.30
20	3.20	7.68

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional.

Ads running 3 or more consecutive times with no change billed at 20 percent discount.

Deadline: Thursday morning at 9 of each week's publication.

Lancaster Farming
P.O Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

FARM EQUIPMENT

For Sale - JD 30 combine, pull type, PTO, 7' cut, auger feed with bin & unloader, $700 717 992-6596, after 6 P M.

For Sale - New Idea No 47 side rake & tedder on rubber Excellent con dition. Adams Co 717-528-4252

JD B completely rebuilt, new rubber front, good rear, #5 mower, new knives, guards, IHC 5' new knives, guards, IHC 2 row planter, JD 2 btm pull behind, $2300 or best offer Evenings 215-234-8662

Cultivator for JD 40, 320, 420, 430, MT1010 All new shanks & sweeps Complete $230 or best offer Evenings 215-234-8662

7' disc (18") IHC setup for 3 pt , very good condition, $300 or best offer Evenings 215-234-8662

FARM EQUIPMENT

Mf 3 pt mounted disc, 72" wide, $600 215-869-8928

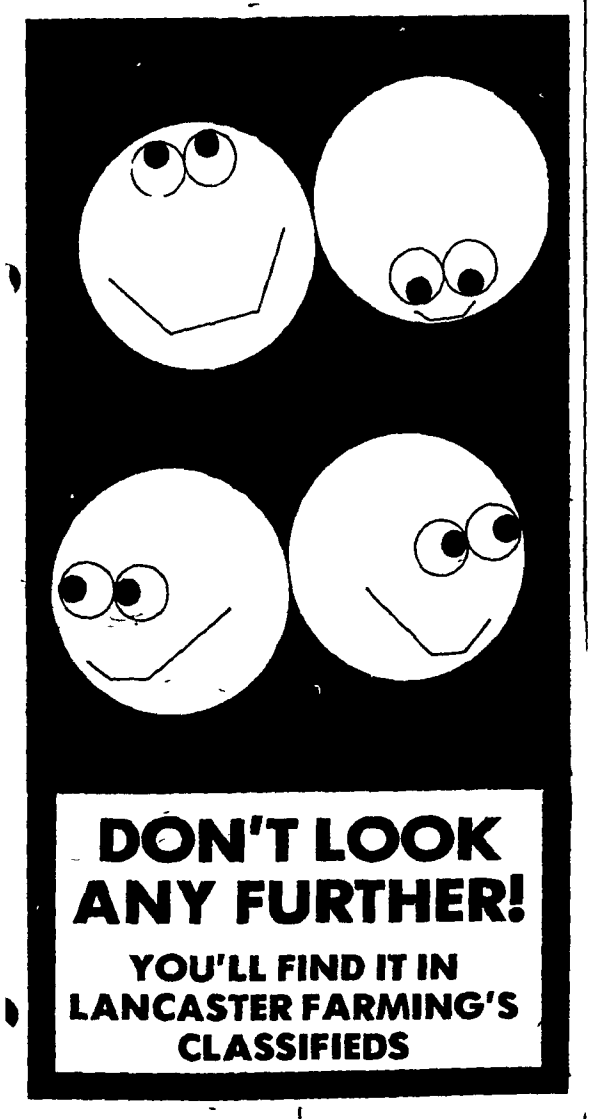
NI manure spreader, PTO, model 207, 160 bu , large flotation tires, $675 215-869-8928

Cherry Shakers, 4 pneumatic shakers, 2 catching frames, $500 or best offer, 215-367-8300 215-886-5278 eves

JD 7000 6-row narrow with monitor, in excellent condition Reason for selling - going to liquid fertilizer, 215-593-5665

(2) 23 1x34 10 ply tractor tires and tubes, 50% tread 201-859-2720

Roll Bar & Canopy for 2-85 White Tractor, like new - $450 (List $1295) Chas J McComsey & Sons, Hickory Hill, Pa , 215-932-2615



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FARM EQUIPMENT

ANTIQUE TRACTOR BOOKS! NEW! "150 YEARS OF INTERNATIONAL HARVESTER" Covers all tractors, Equipment and Stationary Engines 416 Pages, 2000 Photos Hard Leatherette Cover $26 95 "THE ENCYCOLPEDIA OF AMERICAN FARM TRACTORS" Covers tractors from 1890's to 1979 1500 photos, 352 pages Hard Leatherette Cover $26 95 Postpaid Diamond Farm Book Publishers, Dept LF Box 537, Alexandria Bay, NY 13607

Partly selling out, mostly one owner equipment New Holland 770 harvester with 2 RW cornhead, $2800 770 N2 cornhead, $1500 (new) New Idea 325 narrow cornpicker, $3600 MH 82 combine, $2500 Int 550 5x16 plow, ready to go, $1250 Int 510 plain grain drill, double disc with grass seeder 21 x 7 $3400, like new No reasonable offer refused Dealers invited 215-926-5177, after 7 P M 215 926-3243.

For Sale - Cornplanter, White 5400 air planter, no-till, (6) 30" rows, population monitor, excellent shape 301-795 2531

Farmall Cub tractor, cultivator, plow and disc harrow $2400, 717-464-3775

Wanted - IH 700 grass mower, used barn flooring 2" thick, wooden silo, Jonathan S Fisher, Rd 1, Box 215 Spring Hill Rd , Kirkwood, PA Lancaster Co

Sale - CA Allis, good condition, $1000, 2-14 snap coupler slat moldboard plow, $185, 2 row cultivator available 717-392-5834

Mulch - Planters, Layers, Plug-Mix, Transplanters, Parts, Used Farmall 140, B, Allis G FRIENDLY PHIL GARDINER 609-881-7023 Early morning, EVENINGS

We will buy moldy grain 301-833-1847

John Deere 127 pull type Gyramor rotary cutter, 717-249-2300

For Sale Farmall 300, Farmall Super MTA, both have torque and live PTO, IH 990 7' haybine, IH 15 & NH 55 hay rakes, NH 271 PTO baler with thrower, NH 36 crop chopper, all field ready 215-562-4464

Hesston 620 SP haybine, 10' head, excellent condition, ready to go, reason for sale purchased 6600 at farm sale Twin Oak Farms, 717-786 2146

For Sale - Oliver manure spreader, ground driven, new rubber and drive chain Excellent, Suitable for small farm $380 Perry Co 717-438-3556

20 hp Simplicity 9020 tractor with front end loader, 717-225-5873 call after 4 p m

1976 White 8800 com bine, 6 row corn head, 15' table $23,000, 1974 Oliver 7700 combine heads $14,000, Several MF 510's & MF 760's Tidewater Tractor, Wye Mills, MD 301 820-2111

For Sale - 1978 M2KF Gleaner combine, 800 hrs on engine, 13' grain head, 6 row 30" corn head, loaded with extras, kept inside, excellent condition, asking $36,000 717-249-8726

AC combine, model G, diesel, 14' grain head, nice condition, $8700 609-358-2384

NH Pitman mower, Brillion crusher, PV4D Wisconsin engine with 221 reduction clutch, overhauled 2 yrs ago, very good running condition 717-442-8336 Amos A Zook Jr , RD 1 Box 189A, Gap, PA 17527

FARM EQUIPMENT

Wanted - Good wooden wagon wheels or complete gear, Christian B King, Rd 1 Box 248, Christiana, PA

Used very good condition Hesston Stackhand 10 with 10W Stackmover Extra belts and 2 com plete sets of hay guards included $3000 215-598-3980 after 7 p m

IH 706 gas, NFE, new overhaul, good condition, 717-683-5618

For Sale - JD 850 21 h p diesel tractor, 2 yrs , excellent condition, garage kept, 6' mower, canopy, chains, weights, two 6' full hydraulic blades, $7800 302-368 1444 Newark, DE

For Sale - MF combine #35, S P , 8' cut, ready for field, $1500, Farmall M with 2 row picker, good shape, $1500, 302-658-0566.

For Sale - JD 5 grass mower with quick hookup, good condition, $200 717-754-7475

International 715 combine, hydrostatic drive, 13 ft grain head, excellent condition, phone 814-674-8521

For Sale - 2 Kicker hay wagons $675 each, 2 bin wagons, $450 each, IH disc $350, Ford 601 single row corn picker $750, Vicon wheel rake $500, 10' self propelled Owatonna windrower $1500, Grove self unloading wagon $550, AC blower $275, Lancaster Co 717-367-1861 before 8 p m

For Sale - NI 710 combine used 6 years, lot no 153 with grain head. 717-354-0281

MF 300 combine with cab, pickup reel, straw spreader, excellent condition, Call evenings 814-276-3279 or 276-3938

Oliver 525 11' combine, 323 NI 1 row corn picker, MF 39 2 row corn planter, JD 640 hay rake, 16' & 36' elevators, 215-767-0334

Wanted - 4-row cultivator for Oliver 70 Also wide front end 609-386-4547

For Sale - Badger forage wagon with roof, single axle, 8 ton running gear, excellent condition 717-668-5215

For Sale - Owatonna Bobcat 1200 717 354-7561

145 bu NH manure spreader, very good condition, used roll away nests 717-426 3630

L225 Kubota, 3 cylinder, diesel, 24 hp 70 hrs , 2 speed PTO, loader, 3 pt hitch, excellent condition 717-966 0231

For Sale - Single wheel front end attachments with 7 50 x 10 tire to fit Farmall H Lehigh Co 215 298-2011

2 pt hitch for 300 or 350, also one for 450 Selling parts from the following IHC tractors 300, 350, 400, 460, 560, 660, 806, 1066 717-464-2874

For Sale - JD 3010 diesel, wide or narrow front, excellent condition, can deliver 201-526 9363

JD 14T baler with kicker for parts, good shape Chester Co 215-932-2288

NH 469 haybine, good shape, JD 12A combine with grain bin 215-932-2288 Chester Co

For Sale - 970 Case with cab, $7,000 201-459-4371 Blairstown, NJ

For Sale - 220' of good litter carrier track with a switch & 2 trolleys John S Stoltzfus, Box 352, R D 1, Kirkwood, Pa Bartville Rd

Case 1000 front end loader on track, motor overhauled, negotiable, Call after 5 30 p m 302-328-3732

2 1500 gal plastic fertilizer tanks, $850 each, 500 gal Century sprayer $1500, 5 hp roller mill $1200, 6' scraper blade $100, steer mineral feeder $50, Molasses tank $100, eves. 5-10 717 637 0192

FARM EQUIPMENT

For Sale Used Allis Chalmers FK52 Gleaner combine w/13' grain head, 4 row 30" adj corn head, Ph 301-795-3169 Merle Barnes

JD 2640 w/high low, new tires, 146 loader, 1900 hrs , $11,000 301-724 5126

IH cub with belly mounted mower $1995, 717-656 9013

Farmall H tractor with 7' sickle mower, $1275 215-536-3155 & 536-3010

New Idea 729A unisheller, used less than 200 hrs R T Markle Farm Equipment, Centre Co Ph 814-237-3141

For Sale - Farm belt 6" x 75" endless, $40, Berks Co 215-689-5554

8 ft McCormick grain binder, good condition $500, 703-943-1321 for list of other horse related equipment, Fishersville, VA

Case 650 SP haybine, all new belts $1000, York Co 717-382-4173

For Sale - Gasoline generator, 3800 watt, 9 h p B S engine, 115 & 230 volt Excellent condition, easy start Price - $700 Tel 215-267-7265

For Sale - JD 494A 4-row corn planter, set for 30" rows, $395 4 section rotary hoe, $235 Oliver rake, $195 All good! 717-548 2559

IH 400 4-row cyclo planter, one owner, used 2 seasons, $2450 JD 3020 diesel, power shift, $8900 JD 3020 syncro-range, $5900 Oliver 6-row liquid planter, $850 3 basket wagons 607-642-8688 or 642-8519

Farmall MD with live power Ford PTO baler with kicker, 24' transport elevator All for $1850 607 642-8688 or 642 8519

For Sale - 2 row JD Stauffer transplanter, tobacco or tomatoes, real good condition, both shoes, 717-872-2110

For Sale - WD 45 AC wide front end $1050 Farmall H 850 John Deere hay conditioner No 31 $250 John Deere No 8 7' grass mower $250 215-589-4705

1-600 Girton bulk milk tank, 1 180 hp engine w/line shaft, 5000 watt generator, 717-369-4861

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New Idea 404 rake — $995
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N5 rotary
709 Uni-System

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1977 LKS w/heads
Int. 205
MF 410
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USED TRACTORS
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IH 574
AC 7000 w/cab

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JD 6-row 1250 planter
Hawk Bilt 207 tank spreader
JD 24T baler w/thrower
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Bush Hog, 13' disc harrow, 22" blade, heavy duty frame, 2 yrs old, used very little $3200 Will consider trade for smaller older transport disc Harford Co , MD 301-877-7015

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NI hay crusher #752, good condition, Benuel S Lapp, Rt 1, Narvon, PA, 17555, 1½ mile SE of Churchtown

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3 used hay racks w/gears $550 each
Dunham series 41 cultimulcher w/17" packer wheels, 12'2" w/cylinder & hoses, New $3400.
18' haywagon w/racks 8 ton gear, nice cond. $995
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NI 310 1 row picker $2500.
Taylorway model 200 121 disc harrow 10'5" excellent condition, $1785.
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
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Badger manure spreader Model 205, 205 bu. $900.
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JD 4010 Dsl.
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JD 4230 4 post RG, Wea. Enc., 18.4x34 Tires 95%, duals avail.
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Brillion 13' Pulvimulcher, Ex. Cond.
Bearcat 17' Crow Foot Packer with Trans.
JD 920 12' Packer
JD F145 6-16 Semi-Mtd. Plow
JD 34 Fg. Harvester
Rhino rear blade
JD 50 Mower
Woods 10' Mower
JD 407 7' PT Rotary Mower
JD 894 Rake
JD 65 Blower
NI 501 Loader
JD 12 Row Tool Bar w/coulters

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For Sale Fox 3 row snapper head, model 378 with kit for up to 38" spacing, very good condition, Amelia, VA 804-561-3267

For Sale Case D tractor on steel, Adam Byler, RD 2 Box 187C, Howard, PA

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USED COMBINES
JD 6600 sidehill w/12' platform & 643 or 444 corn head
JD 105 corn special diesel, cab, air w/13' platform, w/634N or 434W corn head
JD 55 gas, square back, cab, air, 12' platform & 235 corn head
M.H. 750, cab, air, 2 years old, like new, 13' platform, flex head Model 63-C corn head

USED BALERS
Model 224T w/throwers
Model 24T w/thrower
Model 14T w/thrower
N.H. 269 w/thrower
N.H. 278 less thrower
N.H. 68 w/thrower

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Gehl Mower Conditioner
NH 325 Skid Loader
(2) Good Flat Bed Wagons w/running gears
NH 30' Elevator
NH 315 Baler w/thrower, (Demo)
Used Discs

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Ford Jubilee
JD 50
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
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AC 7010

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2 Mobile Home trailer axles with electric brakes & good tires, $175 ea 717-687-6553, eves & weekends 717-687-8021

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8700 Combine
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NI 708 Uni w/717 Combine
Hesston 6550 12' Windrower

Special Price On Artsway Dion Forage Wagons

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Oliver 1600D Tractor
Oliver 77 Tractor
JD 2510 Gas, New Paint
Ferguson 35 w/Loader
USED HARVESTER
NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel
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(3) JD 216 Fg. Wagons, 3 btr. & roof
NH 1012 Bale Wagon
Brillion 9' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
MF 4R Planter
IH Cyclo 6R Planter
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
Hesston PT10 Windrower
NH 461 & 479 Windrowers
SS9 Glencoe Soil Saver
NI 710 Combine
Lely 18' Double Wheel Rake
JD 4R, 6R & 8R Cultivators
Gehl Mixer Wagon w/scales
Hawk Bilt 2155 Roll Top
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Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

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JD 2640 Tractor w/loader
JD 2010 Tractor
JD 950 Tractor
JD 850 Tractor
IHC M Tractor
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD B Plane 15 Disc Grain Drill
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
Woods C80 Pull Type Rotary Mower
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD 145 6B Plow
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Farmall 300
Ferguson 65 Dsl.
MF 165 Dsl.
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JD 4020, PS
JD 2640 w/146 loader, like new
JD 2020 G
JD 1020 G
JD B
ROTARY MOWERS
JD 205 5' 3 pt.
BMB 6' 3 pt.
FMC 10' offset pull type
New JD & Bush Hog rotary mowers in stock
COMBINES
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JD 55 w/12' head & 234 corn head, $2695
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JD 22 hay conditioner
JD 485 mower conditioner
JD 1209 mower conditioner
NH 479 haybine
JD 894 rake
JD 336 baler w/ejector
3 JD 24T balers w/ejectors
IH 440 with thrower, as is, $1200
Jerr-Dan bale body on JD running gear
NI 603 forage box on JD running gear
JD 60H hopper blower
JD 3800 forage harvester
NEW EQUIPMENT
JD 1209 mower conditioner, $6150
JD 336 baler w/ejector, $6295
JD 3940 forage harvester, less head, $7595
JD 5440 self-propelled 4 wheel drive forage harvester w/3 row head, $46,995
JD 1207 mower conditioner, $4950
JD 550 sprayer, $3195
Agro-Tech sprayer, $1495
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

FARM EQUIPMENT

1980 Kubota tractor 4 WD, 34 hp front end loader, with external pump, less than 100 hrs, selling due to health, $9500, 717-229-2602

For Sale JD 999 2-row horse drawn corn planter, good condition 215-593-5754

IH 4R planter, 18' spring tooth, 14' disc, 12' Ezee flow, 77 Oliver, MF 1130 DL Machinery Guaranteed, Trenton, NJ 609-259-2802

For Sale - NH 880 harvester with corn & grass heads, excellent condition, Sch Co 717-943-2401

For Sale - tractor, Int hydro 100, almost new, 400 hrs, 215-821-8832 or 215-434-4617

JD 520 original paint, 4000 original hrs, 3 pt hitch, 814-793-4293

JD 70 diesel, real clean, 814-793-4293

For Sale - 706 Int diesel, wf, 3 pt 814-793-4293

JD 520, excellent condition 814-793-4293

For Sale - NH 354 grinder mixer with 20' auger, excellent condition, also JD FB, 20 disc grain drill with grass seed attachment, 215-383-6818

JD 4240 (1979) less than 400 hrs, like new condition, 16 spd, quad-range, 4 post roll guard w/glass, Curtin enclosure, $23,000 Will consider trade-in for 3020 or 4020, Harford Co, MD 301-877-7015

FARM EQUIPMENT

John Deere 8' lime drill on steel Ferguson 4-row weeder, 3 pt hitch, good condition New Idea light duty wagon with feeding racks, $100 Cunningham hay crusher, as is 215-593 5044

For Sale - DEUTZ D3006, 1700 hrs, new rear tires 301-662-7622

For Sale - MILLER 10' OFFSET HARROW with spare parts 301-662-7701

For Sale - LELY GEMINI TEDDER, 3 pt hitch, steel wheels, 301-662-7702

For Sale - 3 high side baling wagons, need some work 717-862-3809 after 6 P M

For Sale - 303 AC PTO pickup baler with PTO thrower & hydraulic guide on thrower, good condition 717-862-3809 after 6 P.M

For Sale - JD model 100 stack wagon, also model 100 stack mover, 2 yrs. old, never used. 814-857-7852

For Sale - JD 4020, overhauled, new bearings, 215-445-6851

For Sale - 315 New Holland baler with clean sweep pickup (new), Lancaster Co, 717-733-8239

1978 Allis Chalmers Farm tractor, model 185, 75 hp, diesel with loader, 900 hrs, excellent condition, new list $21,000 buy $10,500 Call eves Chester Co 215-388-7883

FARM EQUIPMENT

For Sale - Gandy applicator with mountings for haybalers, also 1 liquid hay preserver applicator $175, Gideon F Stoltzfus, Rd 2 Box 2276 Gap, PA.

For Sale - 930 Case Comfort King with cab, excellent conditon, $4500 575 Oliver plow, 4-16", hyd reset, $1200. 301-824-2917

For Sale - 353 New Holland grinder mixer with heavy shaft, Lancaster Co, 717-733-8239

1979 New Idea model 279 cutditioner, used very little, excellent condition, new list $6500, buy $3500, Call eves Chester Co 215-388-7883

For Sale - Five wheel rake Farm Hand, Lancaster Co, 717-733-8239

For Sale - Round steel feed bin, 7' dia x 9' high. 215-485-7525 after 12 Noon.

Case 580 diesel wheel loader backhoe, $6000
DENNIS M. MILLER EQUIPMENT
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717-469-0937 daily

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For Sale - Z14 Banford diesel, $1200 or best offer. Henry F. Stoltzfus, RD 6, Lititz, PA 28 N. View Road.

For Sale - McCormick Deering binder parts, drive wheel, reel, etc 717-624-2519

FARM EQUIPMENT

5 ft Farmall Cub mower, Farmall M W power pack, saw buck, Int 3 bot 14' trailer plow, 12 ft. lime drill, Cardinal conveyor, hand corn sheller, 12 ft harrow, J D 7 ft offset disc Ph 215-262-9781

For Sale - 1 Dion self-unloading wagon with roof, 2 yrs old, excellent condition PH. 301-836-1418

For Sale - IH PTO corn binder, needs new wood, otherwise very good, New Idea 4 bar side rake on steel wheels with tedder, very good 717-222-3875

For Sale - old Wood Drop Reaper, very good condition, collector's piece 717-222-3875

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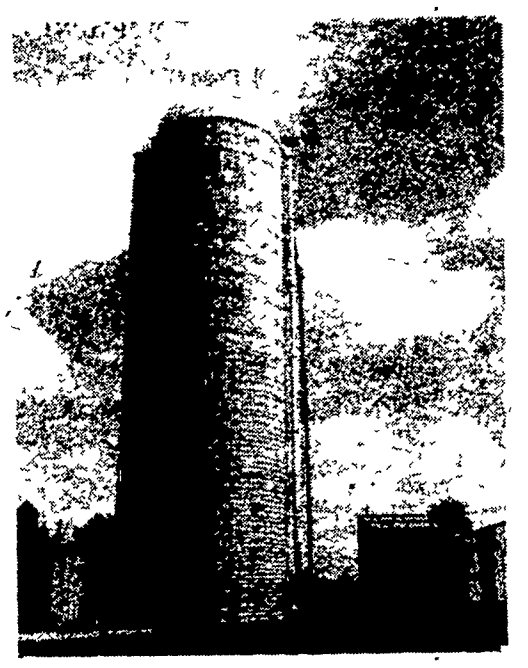

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1 - JAMESWAY (as is) $ SAVE
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1 - 24x70 LANCASTER SILO w/NEW VAN DALE UNLOADER
1 - USED 70' BELT FEEDER — $400.00

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1 - USED ROLLER w/MOTOR	$500.00
1 - USED #200 ROLLER MILL w/3 H.P. MOTOR — 1 YR. OLD	$950.00
USED 2" PIPE - 50' FT.	
USED 2-CAN MILK COOLER w/1½ H.P. COMPRESSOR	$100.00 $290.00
(2) 18' TITAN AUGERS, LIKE NEW	$250.00
(1) 9 HP WISCONSIN MOTOR w/ STARTER, OVERHAULED	$250.00
(1) USED STARLINE 40' CHAIN CONVEYOR w/MOTOR	$495.00

GET READY FOR SUMMER:
24" CIRCULATING FANS
w/½ H.P. MOTOR $125.00

3 FT. x 16 FT. HEAVY HOG PANEL
$17.95 ea.

ROUND HAY RACKS - 2 PIECE
18 Openings - Can use for regular or Large Bale $170.00

FARM GATES w/HINGE & LATCH
(Made with Square Steel Tubing)
(IN STOCK)

10 Ft. GATE	$58.00
12 Ft. GATE	$64.00
14 Ft. GATE	$70.00
16 Ft. GATE	$76.00

NEW SHIPMENT - 2x8x16 TILE	75¢ ea.
ALSO IN STOCK 2x5x12 TILE	40¢ ea.

250 CUMMINGS DIESEL POWER UNIT w/CLUTCH. COMPLETELY OVERHAULED. READY TO GO!
SPECIAL $4900.00

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Wayne Lloyd - Sales - 717 — 299-3722

FARM EQUIPMENT

Model 25 SP Oliver combine, good running condition, 12' grain head, very reasonable 814-667-3594

Welsch 300 gal sprayer on 3 pt monitor, electric valves in cab pressure controls, hydraulic centrifugal pump, 2 sets of stainless nozzles $1400, 2 1000 gal. steel tanks $200 814-237-6080

JD 45 square back combine, 244 corn head, 12' grain head, cab, 703-837-2335, 837-1428

JD BWA transport disc, excellent condition $2000, JD 1209 mower conditioner, less than 200 hrs $4000, 301-756-2743

JD 39 3 pt. 7' sickle mower, excellent condition $600, 215-692-8476

Wanted - Feed bin, 2 compartment about 2 ton each. 717-626-4911

FARM EQUIPMENT

Wanted to Buy - JD model 820 3 cyl diesel 1969-1972 Call 215-539-9479

Wanted - Good potato digger and grader and planter, Jacob E Kauffman, Box 282, Rd 1, Christiana, PA Along Bell Rd

Stoltzfus 10' boom type lime spreader body, good working condition $1200, Dan Ulrich, Conowingo, MD 21918 301-378-2402

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For Sale Used McCurdy fertilizer auger, complete for gravity wagon $300 York Co 717-292-2573 after 8 p m

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FARM EQUIPMENT

MF 510 diesel combine with 4-30 corn and 13' grain heads and straw spreader $16,500 814-237-6080

JD 4040 4 WD 1979 SG cab w/heater, AC, AM/FM stereo, hydro cushion seat, quad range trans, dual remote cylinder 18 4x38 rear, 10 00x16 front, 6 front weights, calcium rear plus more Always inside, only used for haying, 150 hrs, price $27,000, now lists for $43,000 215-847-2403 Bucks Co

For Sale - 1469 NH haybine, like new JD 4020, 3020 IH 1066, 966, 856 & 656. Case 2674 WD w/cab & air & 1370 w/cab & air Ferguson 135 801 Ford Roy Derstine 717-292-1856

FARM EQUIPMENT

Will buy & sell all types of horse drawn equipment 215-593 5754

1 NH 1034 bale wagon, demonstrated $9185, 1 NH 1495 haybine with cab, A/C and diesel motor new $23,000 814-793-3791 Blair Co

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For Sale - New Holland #1037 self loading and unloading bale wagon, new condition Price $9000 703-289-5298

For Sale - #82 Massey Harris combine with 12' grain head 215 252-7288

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For Sale - Int 656 utility diesel w/Dunham loader Int #37-10 ft. disk 717-365-3714

FARM EQUIPMENT

For Sale - 1968 JD 45 combine, 10' grain head, 234 corn head, excellent condition, 237 corn picker, Roger Krumrine, Westminster, MD 301-346-7514

NI 1 row transplanter; 1 row mechanical transplanter, NH 402 crimper, NH 404 crusher, NI 751 & 752 crusher, Mc 7D rotary scythe (new knives), McD #9 ensilage cutter 717-687-6553, eves & weekends 717-687-8021

For Sale - JD 4430 with 2 post rollguard, quad-range, very good condition 717-532-7054

For Sale - JD 2 row (horse) corn planter with long tongue and double-tree, good condition $235 717-548-2559

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For Sale- Rotary scythe, 9 ft, AC 170, IH 10 drill 717-438-3115

FARM EQUIPMENT

JD TOOL BAR PLANTER 4 row, units could be sold separately
BRILLION 18' HARROW
4" IRRIGATION PIPE with sprinklers
ORCHARD TOPPER, cutter bar type
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NH 479 Haybine $2775
Hesston 310 SP Mower Cond $1350
NH 273 Baler w/or w/o thrower... $1890
NH 269 Baler
NH 54A Bale Thrower $450
IHC 37 Baler & Thrower $950
IHC Tedder $150
Cunningham Crimper $175
JD "60" PTO Blower $475
NH 27 PTO Blower
NH 1880 210 h.p. 3R Fg. Harv.. $13,850
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads. $995
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NH 800W Pickup Head $985
NH 518 Spreader w/hyd. endgate. $1950
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2R Planter w/fertilizer

Call for prices on other equipment

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NH 315 Baler, 846 Baler, Mowers
NH 488, 489 Haybines
NH 14, 230, 235 Wagons
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3200 gal. Spreader with ejector
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MF Massey Ferguson

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IH F-1066 Tractor
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MF 65 Tractor
MF 135 Tractor
MF 230 Tractor
MF 255 Tractor
MF 265 Tractor
MF 1105 Tractor
Ford 4000 Tractor with Loader
MF 81 Hay Tender
Used Plows
Used Balers
Used Drills

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MF 154-4 Tractor
MF 30B Tractor Loader
MF 1050 Grinder Mixer
MF 750 Combine
MF 620 Disk
MF 33 Drill
MF Mowers
MF Plows
MF Rakes
MF Balers
MF 925 Conditioner
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Caldwell Shredder
Bearcat For. Harvester
Snapper Mowers

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Ford 8000 w/dual wheels
Ford 7700 Dual Power
Ford 5000 D 8 Speed
Ford 2600D w/Loader
Ford 2600 Gas, Power Steering
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 8N w/mower
Ford 3400G w/Loader
IH 666 D WFE
IH 560 w/3 pt.
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH 300 Loader/Backhoe
IH Cub w/mower
AC 5040
AC 160D
AC D17 3 pt.
Case 1740 D unloader
Case 830 CK
MF 2135 w/Loader
MF 135
MF 65 G, PS
MF 35 Live PTO
Satoh 650 w/loader
Satoh 650 w/blade
JD 1530

EQUIPMENT
JD 95 bu. Spreader
Ford 4B 3 pt. Plow
AC 4B Plow
Ford 309 Corn Planter
Ford 532 Baler
Ford 3 pt. Rake
Bushog 12' Disk
JD 7' Flail Mower
Ford 501 Mower

KELLER'S FARM MACHINERY, INC.
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Quakertown, PA 18951
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JD 506 Rotary Mower $695
JD 307 Rotary Mower $800
JD 1250 3B Plow $1320
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD 2600 4B 18" Spring Reset Plow $5680
JD 336 Baler w/#30 Kicker $6650
JD F950 12' Roller Harrow $4150
JD 567 Wheel Rake $1275

USED EQUIPMENT
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JD 730
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD 1640 12'6" Disk
JD AW 9'10" Disk
JD 7000 4RN Planter $4995
JD 494 4R Plate Planter
IH 6R Air Planter $3000
Farmhand Loader to fit JD 1010 & 2010
JD 300 Elevator 34'
Brillion 9' Packer
JD 16A Flail Chopper

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The Buck, PA
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NEW JOHN DEERE EQUIPMENT
336 Baler w/ejector
HD 336 Spring Tooth Harrow
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2500 5B Spring Reset Plow
660 Rake
C81 Spin Spreader
40 Spreader
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1075 Running Gear
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Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
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JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

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JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Ford Dextra (Diesel)
JD 55 Combine
JD 95 Combine
AC Gleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
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Special Deals on More Equipment not listed. See us Now!

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NEW EQUIPMENT
Call For Special Low Prices!...
AC 5050 Tractor, 51 hp, 220 hrs
AC 5050 Tractor, 51 hp
AC 7010 PS Tractor w/cab, air, 20 8x38 tires
AC 7060 PS Tractor w/cab and Air
AC 10' Mtd Chisel Plow
AC 8' Mtd Chisel Plow
AC 5-Bot, 16" Plow, 2000 Series
AC 16½' Field Cult., with hyd. fold
AC 2600 Fold Disc, 16'8"
AC 333 Corn Planter, no till & air units
Glenco 9 Tooth Soil Saver
NI 299 Mowditioner
(2) NI 106 Fert Spreaders, 690 Lbs
NI 116 Fert Spreader, 1380 Lbs.
NI 743 Stripper Plate Head, 3 Row Wide

USED EQUIPMENT
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AC D15 Tractor
IH 450 Gas Tractor
NI 279 9' Cutditioner
Gehl 800 Recutter
JD 38 Harvester w/PU & 2R Wide head
NH 770 Harvester, 2 row wide
Lamco 14' Forage Wagon

USED COMBINES, UNI'S CORNHEADS
AC KKS Gleaner w/10' Head & 330 Cornhead
AC A Gleaner w/10 Grainhead
AC C Gleaner w/440 Cornhead
IH 315 w/13' Grainhead and 2 row Cornhead
MH 82 SP w/10' Header
MH 80 w/12' Header
(2) MF QT 24 Cornheads
NI 702 Uni-Tractor
NI 727 Uni-Husker
NI 723 Uni-Stripper Head (2 row)
NI 729 Uni Sheller
NI 726 Uni Husker

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NEW IDEA FARM EQUIPMENT

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

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RD 1, Hamburg, PA
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USED EQUIPMENT
TRACTORS:
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $23,000!
JD 4520, 20.8x38 Radials, No Cab - $13,500
IH 706 Gas, Eng. Overhauled, New Paint - $5,950
IH 560 Gas, 400 Gas, 300 Gas
IH 656 D Hydro
IH 350 High Utility
IH 350 Farmall
IH 544 Gas Hydro w/2000 Loader
400F Gas, Fast Hitch, PS, Nice Shape
IH Cub, 1978, Real Nice
185 Lo Boy w. Mower, Real Nice!
MF 165 Diesel
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under

TILLAGE:
IH 475 13'5 Disc Harrow
IH 770 12' Offset Disc, Like New
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
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PLANTERS:
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Discs, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill

COMBINES:
WAIVER TILL 9/1/81
IH 915 6-Row Head, Low Hrs.
810 15' Floating Cutting Bar
810 13' Floating Cutting Bar
IH 403 w. 4-Row Wide Head
IH 315, 2-Row Wide Head
IH 205 2-Row Wide Head

HAY & FORAGE EQUIPMENT:
717 NH Chopper
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
72 A Bear Cat Flail Chopper
1014 Hesston Mower Cond.
420T Hesston S.P.
NH 7' & 9' Haybines

MISCELLANEOUS:
JD 115 Forage Wagon
Gehl 800 Recutter Blower
York Rake

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
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Daily 7-5
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Brillion 4 and 6 Row Cultivators
Killbros Model 350 & 375 Grain Boxes w/hyd. Augers
801 Uni Power Unit w/767 Super chopper & 766 6' hay pickup
Mid-West Buster Bars in Stock

VIGOR-RATED SOYBEAN SEED & SOYBEAN INOCULANT

Hesston 1091 9 ft. 3" Pull Type Windrowers Rebates in effect.

BUSH HOG 5', 6' & 7' 3 pt. Rotary Choppers in Stock

Hesston 6550 12' cut SP Windrower, Dsl, w/Hydrostatic Drive Will demonstrate

7' & 9' PEQUEA PTO HAY TEDDERS IN STOCK

WE STOCK A FULL LINE OF BRUNING INTERIOR & EXTERIOR PAINT

BRUNING BARN, FENCE AND ROOF PAINT 5 GALLON SPECIAL $59.95

USED EQUIPMENT

705 Uni w/729A & 738 4RN Corn Head
NI 710-711 Uni Combine
Ford 906 7' 3 pt. Rotary Cutter, ex. cond.
16' Dion wagon on new Gehl 10 ton running gear
JD 12' Packer
18' Brady Tine Harrow
NI #44 Hay Rake
NI #404 Wheel Rake
AC Model A Gleaner 12' Combine
Century 200 gal. sprayer
JD Hay Fluffer
IH #56 Forage Blower

JUST TRADED CENTURY 300 gal. 10 row Field Sprayer with new pump

LAWN & GARDEN
MF 7 h.p. Riding Tractor
Tanaka Flex-Line and Brush Trimmers in Stock
8 H.P. Category O 3 pt. Rototiller, like new
New Gilson Rototillers in Stock

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New Idea, Hesston, Gehl, Brillion, Bush Hog Dealers

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AC HD-3 bulldozer with 6 way blade & shuttle clutch good cond $4500

Case uniloader model 1537, w/4 in 1 bucket, hoe attach & auger attach. good cond $7500

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Route 309
Montgomeryville, Pa 18936
Phone 215-699-3533

JD 730, diesel, excellent shape, 814-793-4293

Gehl round bale stacker $975, IH 47 baler with thrower $500, New 8 ton running gear with flotation tires $600, 814-237-6080

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Up to 75% Savings
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Crawler and Wheel Types
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REBUILT PARTS
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Ford haybine, model 535
Ford baler model 532
NH SP combine, model 975
MC rotary scythe
Ford tractor model 2600 diesel w/cab & broom
Ford 3600 diesel
Ford 4600 w/valve
Ford 5600 130 hrs.
Ford 6700 diesel w/canopy
Ford 7700 rear wheel weights, 600 hrs.
Ford 8000 diesel, 23.1x34 rear tires
Ford 8000, new paint, new tires
David Brown 4600, 1477 hrs.
MF 165 gas engine
Case 541 tricycle front end
MM model 445, gas engine
Ford model 641 w/side mount mower
Ford 3000, new paint
New Ford TW20 Tractor, 14 h.p. $24,000
New Ford 6 Row Corn Planter, fert. attch., no-til $6,995.00
New General trailer 18HA
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Chevrolet camper
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IH Fleetstar, model 2000, diesel, 8 speed
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FARM EQUIPMENT

For Sale - Bale thrower wagons, steel or wooden sides with 6 or 8 ton gears, also Zimmerman elevator in 28, 32, 36 & 40' lengths, plywood feed bins Will deliver and install, Stoltzfus Woodwork, Rd 2, Gap, PA 17527, 1 mile north of Gap along 897, 717-442-8972

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Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464 5008 or Chambersburg, PH 717-263-0013

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Farmall Cub w/hyd, cultivators, dirt plow, snow plow, new rubber
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Farmall Super C, cultivators, wheel weight, good rubber
Farmall Super C fast hitch, cultivators, good rubber
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FARM EQUIPMENT

10' Miller disc, 3 bar with leveling cylinder, 5x16" Kvernland automatic reset plow 814-237 6080

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For Sale - Hesston haybine model 1010, hydroswing 215 286-9426

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861 Mack S/A Tractor with tandem lowboy side load 20" rubber all
$5,500

New Ford 55 Loader, 15' hoe full ROPS 4 hoe bkts 396 total hrs, Coleman scoop forks **$32,000**

M/F 400 Crawler Loader, ripper ROPS P S /P S 1 7/8 yd 1050hrs
$26,000

'73 Int'l Loadstar 1600, 12' flat dump completely rebuilt Nov '80 **$7,500**

(Buy out pkg. deal $68,000)

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JOHN DEERE PLOW - 7 ft., for front end loader, excel. cond. - $100.00

ANTIQUE TOP BUGGY - (Circa 1905) Good cond., top needs new covering, $500.00

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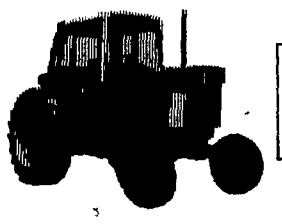

MF Massey Ferguson

NEW TRACTORS IN STOCK
MF 205 w/mower, 60" wide
MF 205 4 wheel drive, 20 H P
MF 210 4 wheel drive, 25 H P
MF 230 diesel, 34 H P
MF 245 diesel, 42 H P
MF 265 diesel, 60 H P w/multi power trans
MF 275 diesel, 67 H P, 8 speed trans
MF 285 diesel, 81 H P w/cab
MF 2675 diesel, 100 H P w/cab
MF 2705 diesel, 120 H P w/cab

USED TRACTORS

AC 5040, 40H P, 3 point hitch	$3800.00
MF 40 Industrial Loader Tractor, 40 H P	5,500.00
MF 1100 Diesel w/cab & dual Wheels	8,100.00
JD 410 Tractor Loader & Backhoe	

NEW COMBINES IN STOCK
MF 540 grain & corn
MF 550 grian & corn

USED COMBINES

MF 60 self propelled	$2,000.00
MF 82 self propelled	3,500.00
MF 510 Diesel w/cab, grain head & corn head	12,900.00

NEW MISC. EQUIPMENT IN STOCK
MF 42 3 point 7 ft grass mower
MF 120 baler w/thrower
MF 124 baler w/thrower
MF 128 baler w/thrower
MF 37 hay rake 5 bar
MF 520 disc harrow
MF 620 disc harrow
MF 640 corn planter 4 row $6,925.00

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700 East Linden St.
Richland, PA 17087
717-866-7518

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FOR SALE
Auto turn carts and five angle scrapers
Reassemble with two bolts

Scrapers	$165
Carts	$275
with brake	
Carts	$235
without	

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RD 1 Christiana, Pa.
Box 199 17509
At Bartville

WILLMAR ONE TON LOADER
- Hydrostatic-Articulating
- 4 wheel drive
- High lift
- Perkins Diesel Engine

Good Price on a Demonstrator, 30% OFF List Price.

Call for a demonstration
We manufacture and sell lime and fertilizer spreaders.

C.U. STOLTZFUS MFG. INC.
Morgantown, Pa.
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USED EQUIPMENT

JD 680 Manure Spreader, Tandem Flotation Tires, Excellent Shape. You Can Save a Couple Thousand Off List Price.

JD 6600 Hydro Diesel Combine
Farmall 966 Tractor w/cab
Farmall 1066 Hydro Tractor with cab
Super A Farmall w/Cultivators
AC D17 Series 4 Tractor w/snap coupler
Case 2290 Tractor, cab and air w/150 hours
JD 1530 Diesel Tractor w/48 loader
Farmall 460 Gas Trac (SOLD)
IH 1466 tractor w/red cab, air, dual hydraulics, dual PTO, 1000 hrs., super sharp!
Farmall 1456 Tractor
MM 602 Diesel Tractor
JD TWA Plowing Disk
IHC 2350 Mount-O-Matic Loader w/8' bucket, excellent
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Lilliston Rolling Tomato Cultivator, set for 3-5' rows
NI 325 30" 12 Roll Picker, clean

RAYMOND B. LEAMAN
Willow Street RD 1, Ph. Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

FARM EQUIPMENT

2 JD 720 diesel 814-793-4293

HAY TOOLS

Haybines
NH 1495, 1980 Model
JD 800
NH 479, 469, 460
JD 1209

BALERS

NH 315, 276, 271 w/thrower
NH 850 Round
JD 24T w/thrower
NH 1010 Bale wagon

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

Int. 915 combine, hydro with 400 hrs. 863 Int. 6-row corn head, done 300 acres corn, exc cond, $33,000 215 869-9265 after 5 P.M or 869-2952 anytime

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Berg barn cleaners in stock New extra heavy duty replacement chain will fit most cleaners, trouble free at truck load prices Compare quality prices before you buy Berg special alloy nickel content chain, 10 ga copper content chute, 10 year warranty 205' chain use 1 yr. Complete line of standby alternators Lanc 215-445-5309

FOR SALE
MF 1100
MF 2805 SOLD
MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 180 diesel
AC 190XT
Farmall 966
MF 124 baler
1370 Case, pot SOLD
Long 460S crawler

MELVIN M. BURKHOLDER
Ephrata, PA.
717-859-2960

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

M & R EQUIPMENT
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717-993-2511
Red Lion - 717-246-1972
Residence - 301-452-8693 after 6 PM

NEW HOLLAND SPECIALS!
(New) NH 474 haybine, $5500
(New) NH L-35 skid loader w/deluxe glass cab enclosure, 7' bucket. Reg. $16,900 NOW $13,200 (No Trade)
Call for a Skid Loader Demonstration Today!
Waiver of Finance on all New NH Skid Loaders, Manure Spreaders & Grinder Mixers until 9-1-81
One Day UPS Service on NH Parts

MF Massey Ferguson

ELIGIBLE NEW EQUIPMENT IN STOCK
Offer Ends July 31

Tractors	Rebate	Waiver of Finance
MF 245 Dsl. Tractor, 8 speed	$400	Until Oct. 1
MF 255 Dsl. Tractor, 8 speed	600	Until Oct. 1
MF 255 Dsl Tractor, 8 speed	600	Until Oct. 1
MF 265 Dsl Tractor, MP	600	Until Oct. 1
MF 154/4 Dsl. Tractor,	400	Until Oct. 1
MF 184/4 Dsl. Tractor	600	Until Oct. 1
MF 850 & 860 Combine	—	
Grain Combine	—	Until Aug. 1
Corn Combine	—	Until Sept. 1
MF 120 & 124 Balers	—	Until Sept. 1

ELIGIBLE USED EQUIPMENT

MF 540, 750, 760 Combines	—	Until Sept. 1

NEW EQUIPMENT IN STOCK

MF 22 Bale Thrower	McConnell 16 ft. Cart Type Harrow
MF 25 Rake	McConnell 20 ft. Transport Harrow
MF 520 Disc	Glencoe Soil Saver
MF 43 Plow	Rakes
MF 129 Chisel Plow, Mounted	Mower Conditioners
MF 129 Chisel Plow, Pull Type	Forage Harvesters
MF 640 Planter	Balers
MF 33 Grain & Fertilizer Drill	Throwers
McConnell 16 ft. Transport Harrow	Haybuster, no till drill
	Beaver III Deisel Tractor

USED EQUIPMENT

(2) - MF 135 Gas Tractor	NH L 775 Skid Loader
DB 1200 Deisel Tractor	NH Balers
Bobcat Melrose 700 Skid Loader	NH Haybines
	NH L35 Skid Loader
	Mathews Chopper

ABRACZINSKAS
Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

FARM EQUIPMENT

For Sale - 70 hp. Leyland tractor, Taylorway 7 tooth chisel plow, 205 bu Badger spreader, 8 Clay farrowing crates, 32' elevator, 300 gal tank on skids, 2 Majestic cookstoves, 717 865-6284

Cat 955 H track loader, exc condition, ready to work, $12,500. 703-777-5134

FARM EQUIPMENT

Wanted - clean AC 72 or 90 pull type combine in good condition 804-332-5673 after 8 p m

2 IH 990 mower conditioner, Farmall M tractor, 10 hp wheelhorse and mower, 717-653-5155

Gehl 910 chuck wagon, tandems, elevator, $6000, Badger TA54 blower $700, 201-459-4771.

USED EQUIPMENT

AC WD Tractor with 3 Btm. Mtd. Plow
JD 6600 D, S.P. Combine, Cab, Air, Real Clean Machine!
NH 1495 SP Haybine, Planetary Drive, Cab, Low Hours, Like New!
NH 469 Pull Haybine
NH 256 Pull Rake
JD 7,000 Max. Emerg. Planter, Dry Fert.
White 5400 6R, 30", Min. Till, Dry Fert.
JD 290 2R Pull Planter
JD 1280 8-30", Liq., F. Pickup - Cheap Enough To Convert To Soybean Planter
JD 12' Roller Harrow
JD & MH 7' Offset Discs
IHC 14' Finishing Disc w/Harrow
JD 45 3-Bot. 3 Pt. Mtd. Plow
JD 3 Pt. Cat. 2-Bot. Plow - Fits 801 Hitch
Kawanee No. 470 20' Wing Rotary Hoe, As Is
Lilliston 76 Rotary Cutter

NEW MACHINES AT SPECIAL PRICES!

JD & NH Hay Rakes
NH 30 Whirl-A-Feed Blower
JD 3940
JD 16A Chopper
NH 38 Chopper
NH 310 Baler

•Full Line of NH & JD Equipment...Waiver of Interest Available on Most New Machines!

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Farm Machinery Sales & Service
Rt. 143, Lynnport, PA 18061
PH: 215-298-2011

NEW TRACTORS

1-JD 850, 2 wheel drive	$5000
1-JD 950, 2 wheel drive	$5800
1-JD 2940	
1-JD 4040	
1-JD 4240	

NEW MACHINERY

1 - Century 300 gal. sprayer	$1700
1 - JD 660 Spreader	
2 - JD 680 Spreaders	
JD 2420 Windrower Diesel	
JD 1380 Mower Conditioner	
JD 1207 Mower Conditioner	$4800
JD 1209 Mower Conditioner	$5400
JD 950 12' Roller Harrow	$4100
JD 950 15' Roller Harrow	$5100
Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"	

USED MACHINERY

IHC 100 Hydro Tractor 1974, motor overhauled & hydro	$15,000
Kubota Tractor w/backhoe and loader	$6500
1976 MF 750 combine with 14' grain head and 44 corn head motor has been overhauled, 3/1/81	$30,000
JD 343 Corn Head	$2500
JD 7000 Planter, 6-row narrow	$7995
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
NH 271 Baler	$975
Oliver 520 Baler & Thrower	$975
1-V802 Lely Roterra	$2000
IHC 470 20' Fold Disk Harrow	$2000
IHC 470 Disk 20 ft.	$1500
Massey Disk, 12 ft.	$1200
JD 145 Plow, 5B 16"	$1800

WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-966-3778

JD Agricultural Dealer and CP

Lombardini Diesels Sales & Service

GAS & DIESEL ENGINE REPAIR GUARANTEED REPAIRS

1 Yr. Warranty

SPECIAL PRICES ON NEW DIESELS

Model L54 68 SAE hp. max.	$4150
Model 530 8 SAE hp. max	$695

GUARANTEED REBUILT DIESELS

Model L54 68 SAE hp max	$3000
Model 914 33 SAE hp, max	$1950
With reduction gear	$2200
Model LDA 510 15 SAE hp. max	$850

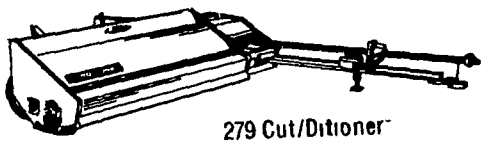
BENUEL S. BEILER
242 Pennsy Rd.
New Providence, PA 17560

Used & Rebuilt Wisconsin Engines In Stock
Will trade in your used engines

The Time Is Right... The Price Is Right!!

New Equipment Special...

NEW MODEL 279 NEW IDEA CUT/DITIONER



279 Cut/Ditioner

9 Ft. 3" swath, hydraulic lift with single acting cylinder, and all plumbing, all standard equipment, 540 RPM hvy. duty 1-3/8" PTO drive, multi-position tongue adjustable from tractor seat, tongue jack, and high flotation rubber tired wheels.

NEW IDEA FARM EQUIPMENT
We get our best ideas from you

$4295

• Stop In or Call •

Sales & Service On:
• Ford • New Idea • New Holland •

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED EQUIPMENT

IH 656 diesel hydro, clean
IH 550 manure spreader
NH 269 baler
IH 990 hay conditioner, 9' cut
NH 354 mixer grinder, 3 yrs old, like new
IH 806 diesel, wf, cab original $6750
IH 856 diesel recent TA & engine overhaul fully equipped
MF 300 quick attach combine w/cab & air, very clean
(2) JD 4400 combines, cab & air clean
Gehl 3000 skid loader w/3 buckets, 360 orig hrs, like new w/electric clutch shut off
IH 806 D wf, 3 pt, local trade in very good tractor
NI 737 husking unit
JD 4020 D, PS, wf good clean tractor
806 D w/wf, 2 pt hitch engine over SOLD ast fall
Farmall M like new rubber, exc shape
NH 717 super chopper w/2 row wide head, grass pickup & single row head less than 200 acres on machine
JD 620 excellent condition
JD 4020 diesel side console wf diff lock dual hyd, very nice
IH 856 diesel, wf 38" rubber 3 pt clean
MF 65 diesel wf 3 pt PS
IH 706 diesel 3 pt dual hyd
Farmall 450 gas w/fast hitch & PS $1800
NI Uni System 701 w/combine & 11' head

MISCELLANEOUS

Cab to fit 56 & 06 series $375
IH & JD rear & front weights
IH fast hitch scraper blade
18 4x34 axle mount duals w/hubs for IH $500

Box 91 New Providence, PA. 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

FARM EQUIPMENT

For Sale - 1000 gal Badger vacuum tank manure spreader, vacuum hose, exc condition, $3000, 2 6 ton feed bins, good condition $375 each, Dauphin Co Call eves 717 692-3919

For Sale - John Deere #6 Chopper 301-452-5252

For Sale - 7020 Hesston harvester, 2 N row, very good, $3000. 717-733-4453

5' pickup head for JD 34 chopper, 717 354-5092

FARM EQUIPMENT

NH 320 Baler w/thrower, 2 yrs old excellent cond
NI Cut/ditioner 9', 1 yr old
3 Bale Wagons
40' NI Elevator
301-795-9631

Massey Ferguson 85 tractor $2500 or best offer 301-829-0271

Wanted - Weaverline silage cart, must be in good condition 717-786-2839

SUPER SPECIALS - MUST GO!

New Equipment	Sale Price
1584 D RC tractor	$11,900
1684 D utility tractor	12,680
1785 RC tractor	13,800
IH 400 4R cyclo planter	4,500
IH 5100 16x7 comb. drill	3,460
2250 loader (buckets not inc.)	2,550

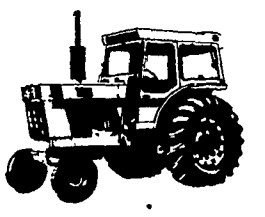
1986 D tractor*	$26,500
1086 D tractor*	33,000

***Both of these tractors are eligible for a $3000 Rebate from IH if purchased before July 31, 1981.**

Used Equipment

I-574 G tractor	$5,200
Farmall 544 G tractor (exc. cond.)	5,800
I-656 D tractor	6,600
John Deere 3010 G tractor w/cultivator side mower and loader	4,700
New Idea 705 D Uni-System (real bargain) (Combine, cutter bar & 3 row corn head)	19,500
IH 205 combine w/10' grain platform & 2 row corn head	6,600
IH 990 mower conditioner, 9'	1,295
IH 37 baler w/thrower	1,125
John Deere 24T baler w/thrower	1,795
John Deere BWF 15' disc harrow	2,295
IH 55 chisel plow 13' (Good cond.)	1,595
IH 706 4F plow (auto reset)	2,250

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419



NEW TRACTORS
IH 284D
IH 284D 4WD
IH 384
IH 584 Std.
IH 684
IH 884
IH H 84
Farmall 786
Farmall 986
Farmall 1086

NEW TILLAGE
IH 735 vari-width, auto. plow
IH 55 3 pt. Chisel Plow 13 ft.
IH 6000 Concertil 10 ft.
IH 4500 Vibra Shank

NEW PLANTERS
We Have 800 Series Planter In Stock

NEW GRAIN DRILL
IH 5100 20x6 plain

NEW DISC HARROW
IH 122 5'6"
IH 122 6'9"
IH 350 10'3"
IH 475 18'7"
IH 501

USED TRACTORS
Farmall H
Farmall M
Farmall 504
Farmall 544 w/3000 Loader
Farmall 656
Farmall 656D Hydro
Farmall 666
Farmall 766D
Farmall 966
IH 354
IH 656
IH 444
IH 454

USED COMBINES
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head

uptime service.

certified service

W. HOBENSACK'S SONS
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

FARM EQUIPMENT

Farmall 1206, 806, 656, 706, 544, 460, 856, 300, 240, 130 M, C, Super A's & Cubs with Cult & Mowers John Deere 5020, 4020, 4010, 3010, 3020, 2510, 730, 1020, 70, 60 & 50 Oliver 1955, 1950, 1850, 1800, 1355, 2150, 1650 & 1250 Moline G1000, 670, 705, 445 & 5 Star Ford 9000, 8000, 7000, 6000, 5000, 4000, 800, 8N & more Case 1030, 930, 830 & 800 Allis Chalmers 170, D19, D17, D14, WD, G with Loader B's with cult & Plow MF 1080, 1130, 180, 165, & 50 Deutz 5006 & 5005 Crawlers Loaders, Backhoes, Tractors, Skid Loaders, Pay Loaders, Trenchers, Fork Lifts, Graders, Stone Pickers, Rotovators, Loader Buckets & Farmhand Blurr Mills Disc Harrows, Cultipackers, Chisel Plows, Cultimulchers, 2-4-6 row Cultivators, Grain Drills. HAY EQUIPMENT 7 & 9 ft Hay Bine, Mowers, Rakes--Farmhand, N H & Int, Cutditioners, Crimpers, Fluffers, Balers, Elevators, Blowers, Rotary Scythe, Harvesters, Choppers New 5' 3 Point Rotary Mowers @ $485 00 Corn Shellers, Milk Tanks Hundreds of Tractors and lots of Equipment not listed

KEENER EQUIPMENT CO
Intersection of Rts. 72 & 283
Lancaster, Pa. 17601
Phone: 717-569-9861

NEW EQUIPMENT
IH 770 disc demo, 10' $4500
IH 435 baler w/thrower $6995

USED EQUIPMENT
AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine $13,000
IH 574 diesel utility
IH 544 gas hydro
Fenders for IH 856
Farmall M $1450
IH 706 gas $5500
IH Super MTA tractor $2000
Oliver 770 $1600
Case 430 diesel
154 Lowboy A-1 condition $2400.
IH 400 cyclo planter
Oliver 5F 16" plow $1150
IH 35 rake $1300
IH 37 disc $1200
NI 319 picker/sheller bed
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
IH 550 forage harvester hay & corn head
Gehl forage wagon w/roof $2200
Century Sprayer $650

Welsh Sprayers
200 gal. trailer model $1050

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

FARM EQUIPMENT

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans, high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition $3800 firm 609-769-3183

USED EQUIPMENT

TRACTORS

- Case 930 Tractor "CK"
- Case 430
- Case 350 Crawler Dozer (New)
- David Brown 990 w Loader
- 990 David Brown Tractor
- JD 3020 w/Loader
- White 2-105 Tractor
- Oliver Super 77
- Oliver 1655 Tractor
- AC 175D Tractor

LOADERS

- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

TILLAGE

- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

HARVESTING EQUIPMENT

- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Corn-picker
- NI 310 1-Row Corn-picker
- Int Mtd. Picker, 2 Row
- MF No 61 1-Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- N I. 2 Row Narrow Pull Picker
- Hesston 2000-100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper
- JD Chopper

HAY EQUIPMENT

- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- Side Delivery Rake With Steel Wheels
- New Idea Trailer Mower
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI 404 Wheel Rake
- NH Rake

MISCELLANEOUS

- Ford 4-Row Corn Planter
- Ford 4-Row 311 Corn-planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- 3000 Gal Husky Tank Spreader
- NI 224 10-ton Spreader
- Potato Grader
- NH #354 Grinder Mixer

NEW IDEA

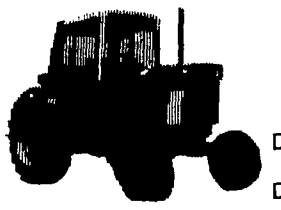
SPECIAL!
● Good Prices on New NI Spreaders

case

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

JD 620, 3 pt, hitch, 814-793-4293



NEW TRACTORS

F1086
F140, special price
Int 584 w/2250 loader, special price
Int. 584 row crop
Int 284, gas & diesel
Int 384D
Cub 184 Lowboy

USED TRACTORS

Cub Lowboy w/C3 mower
Cub 154 w/Woods mower
Cub 185 w/3160 mower

NEW EQUIPMENT

4140 skid loader
2250 loaders, special price
#55 7' chisel plow, $1350
IH 530, 550 manure spreaders
510 plow 5' 18" $3500
720 plow 5' 18"
350 disc harrow 10' 3"

USED EQUIPMENT

Used 512 NH spreader
510 plow 5 bottom, 16" $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

Deutz 100-06 4 wheel drive, cab, 2000 hr service records, 814-237-6080

DEUTZ

NEW TRACTORS

D6807A Deutz Tractor, FWD, 68 h p w/loader
D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor, 61 h p
D5207 Deutz Tractor, 52 h p
D4506 Deutz Tractor, 45 h p.
DX 120 Deutz Tractor, 110 h p
DX 120A Deutz Tractor, FWD, 110 h p

Used D10006 Deutz (105 h p) w/cab, air cond & duals
Used Farmall H
Ford 850
Ford 6000 diesel
Great Bend 1010 Loader w/96" bucket, 4000 lb cap, like new $2500
Custom-built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 35 diesel w/loader
JD 435 diesel
JD 520
Farmall Super H
Oliver Super 88
Ford 9N
JD M w/cultivator

CORN PLANTERS
IH 400 cyclo, no-till
IH 400 cyclo, regular
AC 6-row no-till
MF 2-row
Oliver 4-row
JD 494A 4-row
JD 246 2-row

MISC. EQUIPMENT
Haban corn sheller (like new)
JD 700 grinder
NH 512 spreader
JD 34 spreader
JD 830 windrower
NH 1469 windrower

Special This Month
NEW HESSTON 1090 MOWER CONDITIONER
$4850

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks Counties Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

LONG

New Long 51(SOLD	2 IH 1066 w/cab
New Long 360	3 JD 4020
New Long 310 $5142	JD 4010
Long 60" 3 pt rotary lawn mower	5 JD 3120, 2 w/cab
3 Ford 9600, 1 w/cab	JD 2130
Ford 9000	8 2120 2 w/cab
2 Ford 8600	JD 2120 w/loader
4 Ford 5000, 1 w/cab	JD 2030
Ford 4500 backhoe	3 JD 2020
2 Ford 4000, 1967, 1963	Used JD cabs for 1020, 2020, 2030
5 Ford 3000	JD 1120
Ford 2000	JD 1010
Ford 971	D2 Cat crawler
Ford 641 diesel	Jaegar irrigation pump
Ford 8N	MF 175
Roadless 95 4WD	Ford F100 P U 1973
	Farmall H

¼ Mile East of Exit 6 I-81

FARM EQUIPMENT

Ford 3 pt hitch equipment,
2 bottom 12" plow, $225,
6 scraper blade, $150,
5' rotary mower, like new, $525,
IHC 3 pt hitch 2 row cultivator, $200
717-687-6553
Eves & weekends
687-8021

(New NH 310 baler with engine, $5200 Pequea Machine, 3230 E Gordon Rd, Gordonville, Pa 17529

For Sale
New Harvester 1890
New Holland, Caterpillar motor, cab row corn, 3 row corn, grass head Will trade part for used tractor Ford or Ferguson or used NH round baler

ORN NEDROW
Road 6
Somerset, PA 15501
Phone
814-445-5937
Priced Complete $32,000
Today price $50,000

New Equipment

Tag		List	Cash & Carry
1159	H Lely Broadcaster	1010	895
1224	GL10 Lely Gemini Hay saver	2217	1800
1829	8 ton wagon chasses w/telescoping tongue		595
	Jet Hoist for pickup truck only	1095	695
1252	519 NH box type manure spreader	4458	3807

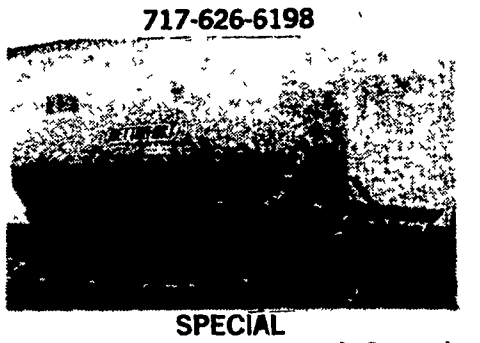
Used Equipment

1579	282 NH baler	2950	2150
1852	Cub tractor	2000	1850
1575	LA JD tractor w/ plows & culti.	1800	1600
1063	TO20 Ferguson tractor	1800	1500
1820	2000 Ford tractor w/loader	4500	4150

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT
291 W. Moorestown Road, Route 512 At Clearfield, Nazareth, Pa. 18064
Phone 1 (215) 759-0240

BRICKERVILLE EQUIPMENT
* SALES * SERVICE * PARTS
537 E. 28th Division Highway, Lititz, PA 17543
717-626-6198



SPECIAL
1 Used 2100 gallon Augermatic Spreader w/Plow Down Attachment, Good Cond.

Also
SPECIAL PRICE ON
800 gallon thru 4600 gallon
Both vacuum & augermatic spreader units available

BUY "BETTER BILT" EQUIPMENT
WHY? IT'S "BILT-BETTER"

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

FARM EQUIPMENT

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw-in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615-753-5738 day or night

FOR SALE

TRACTORS

930 Case Comfort King
900 Standard w/pulley
450 IH std. diesel
400 IH gas.
AC D19 gas

FARM EQUIPMENT

NH 310 baler w/engine
NH 273 baler
NH 456 mower
NH 56 rake
JD 660
NI 4 bar
NI w/206 & 18 spr.
Nicholson hay tedders
Disc and spring harrows
McD #9 & #7 ensilage cutters

ELIAS S. BEILER
601 Musser School Rd
Leola, PA 17540
717-656-9733

FARM EQUIPMENT

Chisholm Ryder snap bean harvester on IH hydro 70 & 666 tractors, hyd drive, reconditioned and painted, 609-769-3183

TRACTORS
FORD 8N w/mower
FORD 5000 Diesel
IHC 454 Diesel w/ loader
JD 1240 Plateless Planter

NORMAN R. SHORES TRACTOR
R.D. 5, Towanda, PA
717-265-9014
No Sunday Sales

TRACTORS

Farmall H, good shape
IH 504 fully equipped w/WF
Farmall M
AC WD 45 w/live PTO
AC D15
VAC Case w/wide front
Farmall H, sharp, A1

MISCELLANEOUS

NH 479 & 460 haybine
AC 903 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
Oliver rotobar rake
NH 461 haybine
JD 30' elevator
NH 24' elevator
(2) McCurdy gravity boxes 225 bu. & 275 bu.
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.
Unloading wagons $450-850

PLANTERS

IH 400 air, 4-row
JD 494A, 4 row

COMBINES

Gleaner CII w/13' grain, cab w/hillside rattle chain, late model $6000
Gleaner CII cab & grain & 4 row wide $5000
JD 25, 7' cut
IH 76 7'
MF 410 grain head
MF 510 quick attach through

HARVESTERS

IH pickup head - fits 50, 55, 550, 555 & 650
JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row

WHEEL DISCS

2 IH 10'
JD 14'
2 JD 12'
Oliver 12'
JD 110 14'

PLOWS

IH 5-16" steerable
IH 4 btm. 14" fast hitch plow
Oliver 4-14" or 4-16" drag
JD 5-14" drag
JD 5x16 streeable
JD 6x16 steerable

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

FARM EQUIPMENT

Farmhand hyd. dump wagons, 5000 lb capacity. 609-769-3183

JOHN DEERE

INVENTORY CLEARANCE
2 brand new JD 100 stack wagons
$5995 & $6995
Call or write for details

TAM SERVICES, INC.
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N. of Gettysburg, just off Rt. 15
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WISCONSIN HEAVY DUTY ENGINES

GAS & DIESEL

* Deutz Diesel w/PTO reduction
* Wisc. - Robin
* Briggs & Stratton
* Kohler
* Ford Industrial
* Wico and F.M. Magnetos
* Rockford and Twin Disc clutches and reduction gears
* Lincoln and Scott Welders
* Replacement engines in stock for welders, pumps, generators, skid-steer loaders, haybines, balers, etc.

AUTHORIZED SERVICE CENTER
COMPLETE REBUILDING - LARGE PARTS INVENTORY
LINCOLN & SCOTT PORTABLE D.C. WELDERS
135-175-200 amp., New & Used

FISHER ENGINE SERVICE
3141 Old Phila. Pike, Bird-in-Hand, PA 17505
Phone 717-768-3729

USED TRACTORS

Ferguson 20 w/ Mower
Oliver 1750 diesel
JD 620 Gas
JD 720 Diesel
JD 2020 w/loader
JD 1520
JD 2030 diesel
Int. Cub with Mower
Farmall M

USED EQUIPMENT

NI 10 Ton Spreader
JD 400 Rotary Hoe
JD 3 pt. Hitch 4 Row Cultivators
Fox 6250 SP Harvester with Heads

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

NEW EQUIPMENT

TRACTORS
JD 750 M.F. W.D.
JD 850
JD 950
JD 1050
JD 2240
JD 4240 w/SG & QR

TILLAGE EQUIPMENT
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD 415 Rotary Hoe
JD RM4 cultivator

HAY TOOLS
JD 1209 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies
NH 1037 Bale Wagon

COMBINES & HEADS
JD 643 Head
JD 6620 Combine
JD 7720 Combine

FORAGE EQUIPMENT
JD 3940 Fg. Harvester
NH 782 w/822 Head
NH 8 Forage Box
NH 28 Blower

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
NH 513, 519 & 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

USED HAY TOOLS

2 - NH 275 Balers w/throwers
NH 270 Baler w/chute
JD 24T Baler w/chute
Gehl 600 Forage Harvester w/pickup and 2 row wide corn head
NH 717 Forage Harvester w/pickup
NH 479 Haybine
NH 990 Mower Conditioner
AC 390 Mower Conditioner

USED NH 1495 HAYBINE, FULL CAB, $14,000

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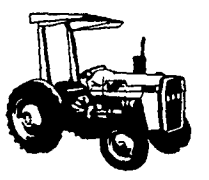

MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 2400 Dsl Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
IH 300 Farmall Tractor
IH 684 Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 135 Tractor
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 8N Tractor w/Loader
Yazoo Model YR 48 Mower
Hesston Model 320 Mower Conditioner
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
Hesston #10 Stacker
NH 1033 Bale Wagon
MF 760 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
IH #14 Rake

NEW M.F. EQUIPMENT

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 285 Demo Tractor
MF 285 Tractor
MF 255 Diesel Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 30B Tractor w/Loader & Cab
MF 30B Tractor w/Loader
MF 20C Tractor w/Cab & Loader
(2) MF 124 Baler
MF 246 Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

TRIPLE H EQUIPMENT

VERMEER
Peach Bottom, Pa.
717-548-2640 or
717-548-2094
Vicon

NEW EQUIPMENT

3 - WRIGHT RAIN manure pumps and sprinklers
3 - 5 wheel 3 pt. Vicon Rakes
2 - 6 wheel trailer Vicon Rakes
1 - 15' Vicon Power Harrow
1 - KM 240 Mower Conditioner
1 - OM 240 Mower Conditioner
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment
for water or manure.

Just Arrived...
VERMEER MOWER CONDITIONERS

SPECIAL ON
SORGHUM-SUDAN SEED $22.00/Unit

USED EQUIPMENT

Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere #1209 Mower Conditioner
John Deere Single Chain Bale Elevators
2 - Bale King Wagons
Farmhand Wheel Rake
Vermeer Twin Rake
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIALS

IH 986 w/Cab, Only 665 Hrs.
JD 1209 Mower Conditioners, $5500
Free Finance Til Oct. '81
John Deere 7000 No Til Corn Planter

USED FARM EQUIPMENT

IH 986 w/Cab, Only 665 Hrs
IHC 656 Dsl Tractor
Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Platform, like new
NH 880 R2 Head
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
NI Side Rake
JD Side Rake
JD 16A Flail Chopper
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
NH 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
Bradley Elevator
McCurdy Gravity Box w/JD running gear and flotation tires.
JD 707 4-Row Rotary Mower
JD Hay Crimper
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 No-Till Pltr
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
1970 Ford 1 Ton Stake

FREE FINANCE on JD Hay and Forage Equipment, also NH Hay and Forage Equipment.

NEW FARM EQUIPMENT

JD 4440 Tractor, QR & SR
JD 4240 Tractor, 4 Post, Roll Guard
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3940 & 3960 Fg. Harvester
JD 336 & 337 Balers
NH 315 & 320 Balers
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 731
NH 679 Spreader
JD 392 Spin Spreaders
JD 450 Spreader
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat
SPERRY NEW HOLLAND

SPECIALS ON NEW EQUIPMENT

NEW IDEA 299 MOW-DITIONER, DEMONSTRATOR $3995.00

DEMO. KNIGHT 12C BIG AUGGIE MIXER FEEDER ELECTRONIC SCALES $12,350

NEW WHEEL RAKES $850

GEHL 1600 ROUND BALER $7900.00
Waiver of Finance Till Sept 1, 1981

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 5000 G
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
MM Jet Star 3
DB 1200 D
DB 990
Jubilee NAA

LOADERS
Case 1816
Case 1845 G
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

MISCELLANEOUS
Wetmore grinder
Ford 101 plow
Hesston PT 10
JD 700 grinder-mixer

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
J.D. 65 blower
N.H. 1880 SP
Grove box
IH #51 box
JD 216 box

NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller
404 wheel rake

USED GARDEN TRACTORS
7 to 14 H.P. Starting At $395

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521
case AVCO NEW IDEA GEHL BUSH-HOG

FARM EQUIPMENT

JOHN DEERE

USED EQUIPMENT

AC 160 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT

JD 7000 6 row conservation planter
Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk
JD 7000 - 12 row N folding planter

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

MF
SPERRY NEW HOLLAND

NH TR70 Combine w/Cat Dsl, 6R C H 15' Grain Table (Demo)
$2500 Cash Bonus And Free Finance If Purchased by May 31st.

USED EQUIPMENT

MF 1105 tractor
MF 245 diesel tractor
IH 350 tractor
IH #450 gas tractor w/fast hitch
NH 36 flail chopper
NH 469 haybine
2 PT10 Hesston mower conditioners
JD 9' haybine
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt. rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
MF 468 4 row planter
JD 6 ton running gear
MF 110 manure spreader
Starline tank spreader
JD 4B-16"mtd plow
MF 74 3B-16" plow
JD mtd. 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/2 heads
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader
IH 2R fast hitch, corn planter
IH fast hitch 7' mower

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

FARM EQUIPMENT

NEW EQUIPMENT

WHITE - 2-85 Tractor
2-45 Tractor
(3) Model 5400 4-Row Planters

NEW IDEA-
213 Spreader w/Single Beater
214 Spreader w/Single Beater
243 Spreader
245 Spreader

BRILLION-
12 ft. Pullveriser

GEHL-
2600 Skid Steer Loader
4400 Skid Loader
940 Metal Forage Box

USED EQUIPMENT

Int. 350 Harvester with 1 Row Cornhead and Hay Pickup Head.
Oliver 3242 Mtd. 3-Bot. 14" Plow
Oliver 1850 Gas
White 5400 6-Row Planter, Dry Fert. w/Auger Attachment
MF 4-Row w/liquid fertilizer
FB88 Gehl Forage Blower
Gehl 99 Forage Blower
Int. 550 Spreader w/ Hyd. End Gate
Liq. Fert. Sprayer, ground driven, with John Blue 2-Piston Pump

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

JOHN DEERE

TRACTORS

IH 340 TRACTOR Fast Hitch w/3B plow & Mower

IH 1066, Cab w/Duals
MF 180 Diesel
JD 4040, 170 hrs.
JD MT
White 2-105
MF 1085

COMBINES

IH 915 w/2 heads
JD 215 Flex Head
(3) JD 444 Corn Head

PLANTERS

JD 494A
MF 468 6 Row
IH 56
IH 6R-400 Liquid
(2) IH 4R 400 No Till
Ford 4R 409
Ford 311

HAY TOOLS

JD 24T Baler
NH 269 Baler
NH 479 Haybine

TILLAGE

JD 2600 5B Spring Reset Plow
JD 2500 6x18 Plow
JD 1450 5x18 Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
JD 950 12 ft. Roller Harrow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc
JD 1610 PT Chisel Plow
JD 146 Loader

SPECIAL ON NEW JD DISKS Models 115, 215 & 315 Phone About Special Price!

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone: 717-362-3132

Used Tractors:

John Deere 4520, 4430, 4320 with Cab, 4320 no Cab, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1086 4WD 800 hrs., 1066, 966 with cab, 806, 826, 560, 460, 450, M, H. Allis Chalmers D21, D17. Ford 4000 Gas, 8N & 9N. IH 2400 B series w/400 hrs. 1979 IH 1086 w/Cab & Air & Front Wheel Drive Used 700 hrs. MF 1135, cab, air, duals, used 1000 hrs., AC 210, JD 2630.

Used Combines

John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads.

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1971 International 1800 Cab & Chassis.

Used Plows & Disks:

1450 John Deere 7 Bottom. Allis Chalmers 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow. Kewannee 18' Hyd. Fold Disk. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. John Deere 336 baler. Large selection of Fox choppers & head. Good supply of Fox Parts. New Gehl, Fox & Badger Equip. Used Pittsburg & Nobel field cultivators. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders. Int. 18 disc grain drill, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. Int. 510 21 disc grain drill, like new.

D & R EQUIPMENT INC.

Ringoes, New Jersey
(201) 782-5082

USED EQUIPMENT

Super M, like new tires, nice	$1550
930 Case tractor	4100
AC D19 tractor, nice	3200
Cub w/mower, nice	1995
AC CA	875
NI 323 Cornpicker	2650
NI Wheel Rake, good	750
Nicholson Hay Tedder plus Grimm	700
Portable Welder2 cyl. engine	750
NH 402 & 404 Crimpers	350 up
NI Hay Crimpers	from 250 up
NH 268 baler	1650
NH 273 baler	1950
NH 455 trailer mower	650
JD rotary mower	575
272 NI cut conditioner	1850
270 NI Cut-ditioner	1100
10 ft. International Fertilizer Spreader, Ex	475
GB600 Gehl Harvester w/2 row narrow head	1450

First with a better way.

HESSTON FARM EQUIPMENT

HESSTON FARM EQUIPMENT

HESSTON 1091 WINDROWER
$5495 1 Only

WISCONSIN ENGINES
Sales and Service

AVCO VM Diesel

From 20 to 300 HP

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MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA PH: 717-656-9013

TRACTORS & EQUIP. JUST TRADED Farmall 1086 cab, air, diff lock, radio 20.8x38 tires 3 valves w/107 hrs. like new for $25,500.00, Farmall 856 D real nice; Farmall 560 D WF, Used JD 2940 w/front wheel drive and cab used 350 hrs.; used JD 2640 w/cab (SOLD)and 300 hrs. both purchased new in 1980, like new; JD 4010 tri D; White 2-105 w/roll guard, ACXT190 real nice, Oliver 2255 w/800 hrs. real nice, Oliver 1850, 1800D, Farmall 560 gas WF, F.H. real nice, Ford 4000D w/1300 hrs. excl., M.F. 165 tri D., JD 346 Baler w/thrower, JD 443 corn head, used 1 season like new, JD #400-15 ft. rotary hoe like new, used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; IHC 710 5x18 reset, JD 7000 six row planter w/Inst. & monitor real nice; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640 fully eq. Haybines - N.H. 479, 469; Used NH 256 rake; corn heads; Gleaner K330, F330, E330, A430 for F or F2, JD 443; Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain.

Int. 4366 4 whl dirve w/C.A. dual wheels and 3 pt., White 4-150-4 whl drive, fully eq., JD 4430 C.A. QR & Dual wheels, Int. 574, MF 175D. Planters AC 6 row no-till; White 6 row w/no (SOLD)til fert. fill, inst. and monitor, New NI 323 one row picker. JD 336 Baler w/thrower, Int. 445 baler w/thrower just like a new one.

NEW FARMALLS: 1086 C.A. 18x38 tires, dual hydrl. for $27,900. now only $27,500. New 886 C.A. diff lock 2 valves $22,900 now only $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 Power Shift; 4020 w/Diff. Lock; 4430 C.A. QR., JD 3020 side console W.F. diff. lock, dual hydraulic; JD 1530 Diesels w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G. real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, Farmall 706D W.F., original, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F.

M.M. Vistar 1000 w/cab and air and dual wheels, (New Gehl 1090) = 9 ft. haybines - below dealers net = our price $4450.00

COMBINES 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.

Just traded Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner F w/2 heads. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H. (Skid Loaders) Bobcat 720.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; AC D17 IV w/3 pt.; New NI 324 picker w/super sheller; JD 7000 4- row planter w/no-til attch.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab, AC D17 D, W.F.

Case 930 CK w/5X Plow.

Just Received New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift.

J.D. 4010 gas, JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 806 diesel, 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H. Farmall 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

HARVESTERS. (New) Gehl 700 fully eq. w/2 row corn & pick up priced under dealers cost. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/W.F. 630 w/3 pt., 60 w/p.s.

FARMALLS: 1586 w/cab fully eq. w/duals, used 400 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. MF 2805 used 600 hrs. w/dual wheels, 1130D, M.F. 135, Super 90D

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1750D (SOLD), Ford 9600 w/dual power and dual wheels, Farmall 504 W.F.

ALLIS CHALMERS '7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel V302.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads

Hay Equip. Specials.

BALERS - NH 320 w/thrower like new, Used 277 w/thrower

New Haybines at Discount Prices. - New Owatonna 9' for $3975, new Gehl 1090, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250.00. Vermeer round baler

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Case 480B loader and backhoe, Case 580 L & B, D8 Cat w/blade, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader.

CORN PLANTERS - New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., priced at $5975. Used JD 7000 4- row w/liquid Inst. and Monitor for $4850. N.H. 355 Grinder Mixer, like new, Int. 1050 Grinder-Mixer, Kools recutter blower, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NI rake, w/front wheel; new Rhino 6' blades.

Int. 6 row front cult.; JD 220 hydraulic fold wing disk; 3 JD 4 row cult., White 252 wing disk.

(New) NH 310 Baler (wrecked), Used Brillion 3 pt. 6 ft. Mott mower (SOLD), 2 Woods Belly mowers like new; Int. #56 four row planter w/Double Disk Openers.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; new Case 6 row 3 pt. hydr. fold field cult., (4 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.

NH 1010 Bale Wagon.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, & Oliver 5,6,7 trip and resets. New Glencoe SS7 Soil Saver with culti-lift harrow New White 14 ft. field cult., Kawanee 22 ft. wing disk.

LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/6300 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St. & Krick Lane Hamburg, Pa. 19526
Phone bus. 215-562-3377 home 215-562-7451

PARTS VALUE OF THE MONTH

GET MOWER FOR YOUR MONEY!

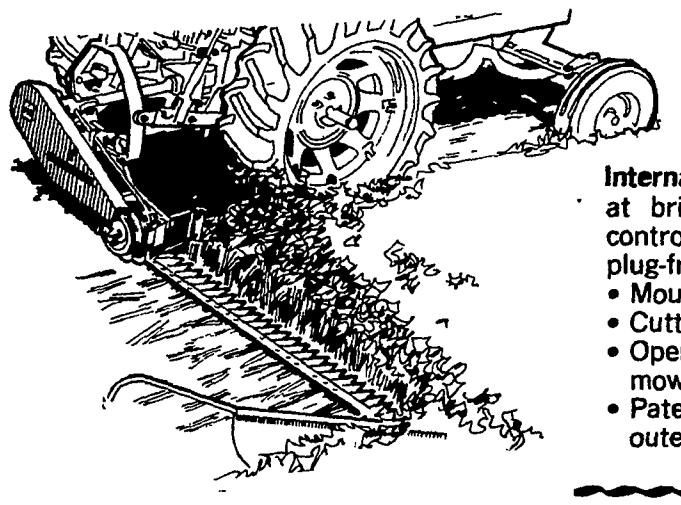
Here's a super-sharp deal for you Right now, we have special low prices on quality International Harvester mowing parts. You'll save up to 20% off regular IH suggested list prices on guards and sections. And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance. Come in . stock up. Get set to mow and put a slice of the saving action in your pocket at the same time.

STOCK UP NOW AND SAVE!

IH HAY & FORAGE EQUIP. HEADQUARTERS

Your Choice For Mowing...

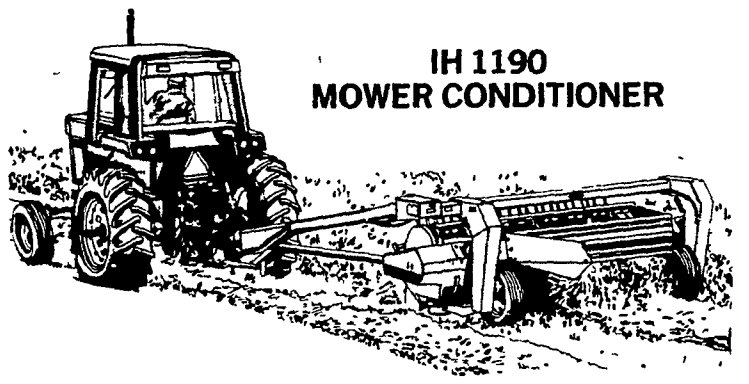
Conventional Cutter Bar Or Mower Conditioner!



Smooth, Fast... And Plug-Free!

International Balanced Head Mowers glide through crops at brisk speeds. Their short, powerful strokes, plus controlled cutterbar vibration, assures clean, smooth, plug-free mowing. Make your choice today.

- Mounted or trailing models, 7 or 9-ft. cutterbars.
- Cutterbar automatic breakaway protection.
- Operates above and below horizontal for all-terrain mowing.
- Patented triplet end knife section stops plugging at outer shoe.



IH 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

- Two sizes: 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life

International® Twine-Tie Balers

Your choice of three models . . . with 15 to 19 tons per hour capacity

International 400 Series balers offer you more than just capacity With 4,800 lbs of force behind the plunger, you're assured of tightly packed, uniform bales that stand up to rough handling And they're also designed to give you easy servicing, to help you keep going when the crop is ready Your pick of three models

435T—best choice for most hay crops 65-in 4-bar pickup with 80 teeth, husky 2-knuckle PTO

445T—offers top performance in hard-to-bale crops such as cane, millet, sudax With 65-in 6-bar pickup with 120 teeth, gauge wheel Heavy-duty 3-knuckle PTO

425T—an economy baler with many of the same performance features found on the bigger capacity IH balers With 61-in 4-bar pickup, 2-knuckle PTO Heavy-duty 3-knuckle PTO optional

Finance plans available.

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED EQUIPMENT

Tractors
Farmall 140
Farmall M
F400w/2001 Loader
F544 Gas, w. 2000 Loader
IH 504 Gas
IH F 560 Gas
IH F 450 D
IH F 986 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 185 Cub Lo-Boy
IH 85 Riding Mower
AC D15 w. Loader
IH TD8 Crawler
Satoh 650 G
Oliver 1850
MF 180 w/Loader

Forage Equipment
IH 16 Harvester w/2 Heads
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 38 Harvester
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
Gehl FB 82 Blower
IH 42 Blower
Kools Blower
NI Forage Wagon

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Miscellaneous
Snow Blowers For Cadets
Sauder Loader
JD 110 Lawn Tractor
IH 125 Cadet and Mower
IH 126 Cadet w Mower
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
IH 2001 Loader For I 544
NI Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Papec 870 Grinder Mixer
Century 500 Gal Sprayer

Plows
IH 311 mtd.
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
3F Trailing Plow
Fast Hitch 2 way
MF 5F 14" Mounted

Tillage
Howard S.T. 180 Rotovator
Howard E60 Rotovator
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver Disk Harrow
Brillion 16 Ft. S.T. Harrow
McConnel 20' Spring Tooth Harrow with Transport

Combines
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
JD 45

Compact Skid Loaders
IH 4125

Planters & Drills
IH 500 Planter, 6 Row
IH 455 Planter
MF 4 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w Thrower
IH 10 Bale Thrower
IH 115 Mower
M C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

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Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
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INTERNATIONAL® AGRICULTURAL EQUIPMENT

• UPS SERVICE AVAILABLE

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

USED TRACTORS:

JD 70 diesel $1875

JUST ARRIVED NEW MF TRACTORS 2705 - 285 - 255 - 220 - 210 - 205

ALL DIESEL'S NEW TRACTORS:

WHITE 4-175 4 Wheel drive w/all extras
WHITE 2-45 2 Wheel drive
White 245 4 WD demo

USED COMBINES:

MF 760 (1978) Turbo 6 w/Hydro trans. A/C Cab Dsl $42,795
MF 750 (1978) Turbo 6 Dsl w/Hydro trans. A/C Cab $42,700
MF 750 (1977) Turbo 6 w/hydro trans. $39,700
IHC 205 Combine w/cab, 227 corn head, 10' grain $9850
White 8800 Corn & Soybean Diesel combine, air/heat/cab hydro, trans., 13' grain table, 704N cornhead 1977 model, very good cond $37,380.
MF 410 diesel w/air cab & grain head $13,700
OL 525 w/heads $8750

USED CORN PLANTERS

2 IH 400 cyclone, 6R, no til $4250
IH 4R no-til, 1 yr. old $4150
2 AC dry fertilizer, 6R, no-til $2875
White 5100 seed boss planters 4,6, & 8 row no-til

MISCELLANEOUS

New 350 GT grain dryer - Special Price
MF 15 grinder mixer 1978 $3498
10' Versatile SP Swather, & conditioner $1895
Fox 2310 1000 R.P.M. w/new 1 row belted head & P.U. $6895
660 Fox ensilage blower new $1995 cost $1485
MF 54 ensilage blower new $1195
KB 200 Kools grinder & blower $2195
54 Kools blower $495
SB 25 Farmhand wheel rake (1979) $975
IHC 6x16 mtd. plow spring trip $1945
OL 2 bottom pull type plow 2x16 $475
Kuker 200, 300, 400 gal. trailer sprayers
New Brady field cultivator 20½' fold up

GUS FARM EQUIPMENT, INC.

CHOICE PACE VISA

Intersection of Routes 616 & 214 Seven Valleys, PA (717) 428-1967

WHITE Farm Equipment

MF Massey Ferguson

Badger OMC NEW IDEA FARM EQUIPMENT

SPECIAL PRICES ON ALL NEW & USED EQUIPMENT

TRACTORS

IHC 154 Cub Low Boy w/Mower
IHC Cub Cadet Tractors w/Equipment all Horsepowers
Farmall Super C w/Cultivators
Farmall M
Farmall F300
Farmall H w/cultivators
Farmall M on steel
Farmall 400
IHC 330 Utility
IHC 544 Gas Tractor
IH 544 Dsl. Hydro.
IHC 574 Dsl. Tractor, 913 hrs.
IHC 606 Diesel
IHC 656 Diesel
IHC 706 Diesel
IHC 706 Gas.
White 2-105
Case 830 Diesel
JD 1520 Gas
Ford 801 Diesel
David Brown 995 Diesel
Minn. Moline 5 Star Gas
Nuffied 460 Dsl. Tractor
Case 450 Diesel Crawler w/hyd. blade

USED EQUIPMENT

Fox 3000 Forage Harvester
Fox 1000 Forage Harvester
Fox 546 Forage Harvester
IHC 650 Forage Harvester
IHC 16 Forage Harvester
IHC 350 Forage Harvester
JD 34 Forge Harvester
IH 56 4R Planter w/Fert.
IH 58 6R 38" Planter w/Liquid Fert.
IH 249 2R Planter
IH 400 4R 38" Air Planter
IH 400 6R 30" Planter
IH 449 4R Planter
AC 600 4R No-Till Planter
Cole MX12 3 pt. Planter
JD 290 2R Planter
JD 494A R Planter, dry fert.
JD 1240 4R 38" Planter
JD 1240 4R 30" Planter
Oliver 2R 36" Pull Type Planter
Brady 722 Flail Chopper
Brady 608 Flail Chopper
IHC 46 Baler
JD 24T Baler w/thrower
NH 269 Baler w/thrower
IHC 225 Windrower 10'
Hesston 1014 Hydra. Swing Windrower
OMC 217 9' Windrower
Gehl 440 9' Windrower
NI 270 Cut/ditioner 7'
NH 479 Haybine 9'
Ford #14 - 9B 7'3 pt. Sickle Mower
IHC 1000 Sickle Bar Mower
JD 39 3 pt. Sickle Mower
Oliver #2 4 Bar Rake
IH MF 16x7 Comb. Grain Drill
JD GL 9x8 Grass Land Seeder
JD FBB 13x7 Grain Drill
Gehl 2500 Skid Loader
Bobcat M600 Skid Loader
JD #70 Skid Loader
IHC 2000 Loader
IH 2250 Loader

We Have New Idea Uni System Power Units with Attaching and Processing Units.

2% Cash and Carry Discount On All Parts

The Place to Buy New & Used Equipment

CHAMBERSBURG FARM SERVICE, INC.

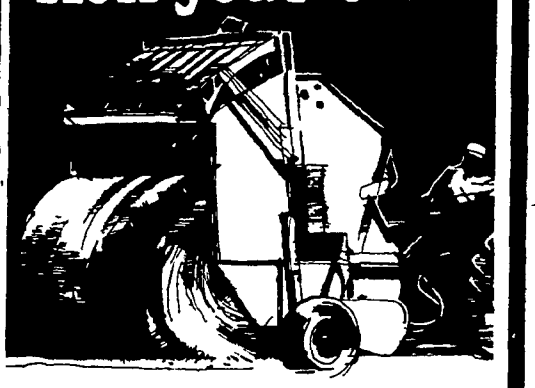
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

FARM EQUIPMENT

FARM EQUIPMENT

THE VERMEER BALE... WORLD HEAVYWEIGHT CHAMPION!

Roll your own



It's the World Heavyweight Champion!

Up to 2,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap 25% heavier than other large round packages 25% less spoilage A bale that retains its shape — and nutritional value — better than any other hay package in the field

Three quality built "F" Series Balers to fit your needs Plus the new "G" Series, designed with energy savings in mind

Call today for a demonstration and get this *free* belt buckle

Vermeer

VERMEER HEAVYWEIGHT CHAMPION

RED WING FARMS

R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

JOHN DEERE

Nothing runs like a Deere

THIS WEEK'S SPECIAL ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1209 Mower Conditioner	7562	5500
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3-16"	2010	1650
JD 2600 Plow 4-18"	7800	6300
JD 445 RH Flail Spreader	4657	3600

Waiver of Finance Till Oct. 1 On Most Hay Equipment

Rental of Power Till Seeder

SPECIALS ON USED EQUIPMENT

JD 4000 tractor	10,700	10,400
JD H w/cultivators	750	650
Ford 8N, mint cond	2800	2500
Ford 801 backhoe & Loader	5000	4500
Ford 801	2500	2100
JD 336 baler w/3ejector	4600	4200
JD 7000 planter, 4RW	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
JD 494	650	500
JD 1240 plateless pltr	2300	2000
AC no-till 6RN	3500	2400
Farmall M tractor, PS,	1500	1375
IHC 6RN 400 cyclo	3500	2500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
Plow for cub Lowboy	395	375
MF disc, 12'	2000	1900
JD 790 Spreader	2500	2000
JD R Spreader	475	400
NH 460 haybine	1450	1000
JD 640 rake	1200	1000
Transport disc	1250	995
JD 4400 combine, repossed w/213 grain & 444 corn head		
Owantonna 700 SP Mower Conditioner	3500	2500
NH 1469 SP haybine	4000	3000
JD 301 fertilizer spreader	550	500
Grove hay wagon w/dump	800	750

NO TRADE ON SALE PRICES

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

FARM EQUIPMENT

2 JD FBB 17x/ grain drill, Case 1070 C-A ONLY 800 hrs, 4 Case 930's CK, Case 1175, Case 1370 C A ONLY 800 hrs 301-582 1927

For Sale - IH gas tractor engine, clutch, gas tank, model F 12 also gas tank for pickup bed 814-238-1187 eve

FARM EQUIPMENT

For Sale - 1968 JD 95 diesel combine w/13' grain head, hume reel, good condition, $7800 435 W corn head, good condition, $1500 717-535-5711

M 610 skid steer loader, Bobcat, completely gone over, $5000 JD wheel rake, $750 717-535 5457

C.J. WONSIDLER BROS.

ALLIS-CHALMERS AGRICULTURAL EQUIPMENT

TRACTORS

AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC 185 D
AC 170 G
AC 6040 D
AC D17 G
AC WD45 G
AC WD G
JD 3020 D
JD 820 D w/7' Blade
JD 1010 Crawler w/3 pt hitch, PTO, dozer blade
JD 60
JD B
Farmall 460 D
Farmall 185 w/mower, snow plow & snow blower
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 65 D
MF 50
Ford 3000 G
Ford 800
Ford 601 w/Sickle Bar
Ford 9N w/mower
Ford 8N
Oliver 500 D
Case 630 w/Loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs

MISCELLANEOUS

NI 506 Front end Loader
JD 17 Disc Drill
McCormick 13 Disc Drill

CORN PLANTERS

AC 600 Air Champ 4-row w/liquid fertilizer
AC 600 4-row
(2) JD 494A 4-row
JD 494 4-row
Farmall 556 4-row

TILLAGE TOOLS

AC 5-B 16" Plow-Semi
AC 4-B Plow-Snap coupling
Oliver 6-B Plow-Semi
Oliver 5-B Plow-Spring Trip
Oliver 4-B Plow-Auto reset
Oliver 3-B Plow - 3 pt hitch
Ford 5-B 16" Plow - 3 pt
JD 2-B Plow-pull type
Oliver 252 12' Disc
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 7' Pull-Type Disc
McConnell 16' Transport Harrow
JD 10' Cultimulcher w/Harrow
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator

COMBINES

Gleaner K w/grain & corn heads
Gleaner All w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

SPECIAL SALE on USED HAY EQUIPMENT

NH 1469 Self-prop 9' Haybine
Hesston 110 Self-Prop Haybine
AC 904 9' Mower Conditioner
Meyers 8' Mower Conditioner
(2) McCormick Conditioner
NI Hay Conditioner
IH Hay Conditioner
McCormick #2 Hay Conditioner
AC 303 Baler
NH 271 Baler & Thrower
NH 68 Baler
NH 277 Baler & Thrower
NH 273 Baler
NH 479 Haybine
NH 461 Haybine
NH 469 Haybine
(2) NH 461 Haybine
MF 81 Haybine
NH 880 Harvester w/2-row corn & pick up heads
(2) AC 720 Harvester w/2-row corn & pick up heads
IH 1-row Harvester w/pick up
Gehl Harvester w/1-row pick up
JD 38 Harvester 30" rows w/pick up & 2-row corn heads
NH 717 Harvester w/1-row corn & pick up heads
NH 717 Harvester w/1-row corn & pick up heads EXCELLENT!!
JD #6 Chopper w/both heads
NH 616 Chopper w/both heads
(4) NH 717 Chopper w/both heads
IH 16FH Chopper w/both heads

AVCO NEW IDEA

Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611
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TOTAL MANAGEMENT MAKES THE DIFFERENCE!

The AG-BAG Sealed Storage System works with you as part of the total management program which can cut feed costs...improve nutrition...and increase your production and profits.

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AG-BAG CORPORATION

AMERICAN AG-BAG INC.

FORAGE SYSTEMS

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717-656-4251 Call Collect

Exclusive Dealer For Pennsylvania, New Jersey, Maryland, Delaware, Virginia, West Virginia **Note: We Need Part Time & Full Time Salesmen for These Areas**

DESIGNED FOR THE 80's

The Revolutionary AG-BAG System gives you unlimited sealed storage capacity for...
High Moisture Grain...
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FEATURES
- ALL HYDRAULIC OPERATION
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- EASILY TRANSPORTABLE

Leasing & Bank Financing Available

Field Queen Forage Harvesters | **SALES, SERVICE & PARTS** | Hesston Farm Equipment

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COMBINES

IH 315, Cab, Hydro, 10' Platform, Very Good
JD 4400 Diesel, Cab, Air 13' Platform, straw chopper
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 6600 Diesel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
IH 1460 Combine, 650 Hours, Very Good Condition
Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4520 D, Cab, AC, Powershift
JD 4430 4 Post RG, Quad
JD 4320 Dsl. Cab, AC
JD 4230 Quad Range
JD 4020 Dsl. WF Powershift
JD 4010 Dsl.
JD 3010 Dsl.
JD 830 Dsl. 3 cyl.
IH 1456 D, WF
IH 1256 D w/Cab
IH 1256 D WF
IH 966 w/Cab & Air
IH 856 D, WF
IH 806 Dsl. WF
IH 766 w/cab, very SOLD
IH 574 w/2050 Loader
IH 756 D Fast Hitch
IH 656 Dsl. WF
IH 656 Gas WF

MOWER CONDITIONERS

JD 1209
NI 299 Cut/ditioner like new
NI 272 Cut/ditioner
NH 479, Very Good
Gehl 1880

HARVESTERS

MF 260 w/2R Corn Head & Pickup
JD 3800 w/2R Corn Head
JD 35 w/2R Corn Head
NH 36 Flail
JD 16A Flail
JD 16A Flail, very good

CORN HEADS

IH 327 & 844
MF 24 & 63
AC K238, KL 330
JD 244, 343, 443, 444, 643

BALERS

JD 336 w/Thrower
JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
NH 276 w/Thrower
NH 268 w/Thrower

CALL US FOR BALER TWINE PRICES

TWO 8 TON FARM BUILT WAGONS w/18' STEEL RACK BALE BODIES w/TIRES

TOW AWAY PRICE $1,475.00

MISCELLANEOUS EQUIPMENT

MF 235 Loader w/valve control
IH 400 Air Planter Dry Fert., Insect., Very Nice
JD 58 Loader w/large materials bucket
IH Pickup Head for 550-650 Harvester
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
JD 6 Row Cultivator
JD 300 Corn Picker 2 or 3 Row Optional
20' Speed King Wheel Harrow
NH #27 Whirl-Feed Blower
New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Cab to Fit JD 30 & 4020

GUNTHER HEUSSMAN INC.
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UNICORN FARM SERVICE

JAMES E. LANDIS

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MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

VIEL ROCK PICKER

Shown below is Size No. 60275 with 6' swath & 2¾" tine spacing . . . the 2 Mounting Brackets and Plates with arms are for a 4 cylinder loader (2 tilt cylinders).

RUGGED 1¼" SQUARE SPRING STEEL TINES

No need to rely on others to pick your rocks - just hookup your Front End Rock Picker anytime and do the work of 8-10 men.

When you are finished just pull the pins or release your QUICK-TACH and set the rock picking assembly aside until you need it again.

EXCLUSIVE FEATURES

MODEL EG ADAPTS TO ANY LOADER!

- All regular 4 cylinder loaders
- All QUICK-TACH Loaders
- Skid and Uni-Loaders
- Loaders with trips
- 3 cylinder loaders (1 tilt cylinder in center) require a 3rd Mounting Bracket, Plate & Arms.

Attaches just like your bucket.

Our Patented Brackets & Mounting Plates Clamp on any place on Cross Bar to be in line with your Loader Arms & Cylinders and DO NOT INTERFERE with tines or spacings

Backed by over 30 years experience manufacturing rock handling equipment

JOHN J. HOOVER
Dealer
Rd 1 Box 56
Clark Run Rd., Blaine, PA
717-536-3597
No Sunday Sales

FOR SALE

USED TRACTORS

AC 7030 cab & air, 7000, 200, XT190 series 3, 185, 175, 5050, 5040, 160 w/loader, D17's, D15, B w/plow, G w/hyd., D12 high clearance w/cultivators.
Ford 5000, 3600 diesel, 2000 w/loader, 650 w/loader, 3000.
Int. 666, 560D, Super MTA, Super M, 230, 140 high clear., Super AV w/cult., Super A w/cult., cub w/rotary mower, 424 diesel w/loader, 544D.
Case 430.

USED TILLAGE TOOLS & MISC.

2 Ontario grain drills
JD 5 bottom 3 pt. semi mount reset plow
Ford 2 bottom 3 pt. plows
MF 3 pt. disc cultivator for Super A
JD 2-row trailer corn planter
IHC 12' spring tooth harrow
JD 10' transport disc
JD 8520 disc grain drill
Grimm hay tedder
AC semi-mt. 3 btm. 3 pt. hitch reset plow
Ford 3 btm. 3 pt. hitch reset plow, 16" & 18"
AC 5 btm. 3 pt. hitch semi-mt. plow, spring trip
IHC 13' offset disc
AC 4 & 6 row conventional & no-till corn planters
NH 273 & 315 hay balers w/thrower, exc. cond.
AC 25' centerfold offset trans. disc, like new.
New Crust Brush offset plowing disc at old price
Howard 5' 3 pt. hitch rotovator
Brillion cultipacker
JD loader model 48
Gehl 115 & NH 354 mixer grinder mills
Rogers 10 ton tag along trailer
Cab for 5000 Ford
NH 145 bu. tank spreader, exc. cond.
1-row potato digger
Brillion 5' 3 pt. hitch landscape seeder
Nicholson PTO hay tedder
Ford 3 pt. hitch disc
NH 707 chopper w/corn & pickup head
JD, AC, Ford & MF 2-row 3 pt. hitch corn planters.

MOWER CONDITIONERS

NH 477, 478, 479
Hesston PT7, PT10

CUTDITIONERS

NI & MC 7' & 9'
Used 3 pt. hitch hammer knife mowers, JD & Mott

IN STOCK FOR IMMEDIATE DELIVERY

New Brillion cultipacker seeders & transport spring tooth harrows
AC 4 & 5 bottom 16" semi-mt. reset plows
Transport disc harrows
4 & 6 row no-till & Conservation corn planters

DEFERRED TERMS UNTIL 10-1-81 AVAILABLE ON NEW AC TRACTORS & IMPLEMENTS, HESSTON HAY & FORAGE EQUIPMENT

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT

FOR SALE

8 KW PTO generator on wheels, $950
Schedule 80 PVC pipe 3" & 4" Victaulic couplings.
215-286-9510

FARM EQUIPMENT

WANTED
Hi-Boy Sprayer
R/K AGRI SERVICE
Lancaster, PA
717-299-2541

FARM EQUIPMENT

WANTED
Used
IRRIGATION PIPE & PUMPS
Send your inventory and price to
EECO, INC.
4021 N 6th St.,
Harrisburg 17110
717-238-9423

BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

FLAT BELTING
Drive belts and conveyor belts
Papec Silo filler parts & repairs
McCormick and JD corn binder Gathering chains
RED HILL REPAIR SHOP
Rd 2 box 291
Narvon, PA 17555
Lancaster Co.
Leon F. Ebersol - Prop.
Send addressed envelope for belt prices or send $1 for samples and prices. We ship U.P.S. or Motor Freight

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:
JD 2040 D WF 1100 hrs $6500
Farmall M w/M&W 2 Spd . $1300
JD 2010
Farmall 460 gas, clean . . $3985
Oliver Super 77 . . . . . $900
JD Cyclone A $1050

PLANTERS:
IH 6 Row 400 Cyclo w/Mower . . . $2300
AC 500 4 row $800
2 Oliver 540 4 row $600 ea.
JD 1250 6 row plateless w/monitor. . . . $1900
IH Cyclo 4 row no-till . . $2500
JD 1240 plateless . . $1200
Oliver 2 row, 3 pt , ... $450

MISC.:
JD 336 baler w/30 ejector, like new $4200
Mayrath 34' elevator $900
JD 643 corn head . . $10,900
NH 280 baler w/thrower . $1850
MF 12 baler w/thrower. . $1500
JD 16A chopper $1800

COMBINING:
JD 95 Cab - 4xN - Grain $10,900
JD 237 MTD Picker . $1400
JD 6620 side hill combine, 1980 model w/16' platform $61,300
JD 42 pull type $1400
JD 40 s.p. w/8' grain and hume reel $3700

FORAGE:
NH 890 w/2XN - Pick Up Controls $6400
Clay wagon w/roof, 3 beaters $1600
IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup. . . $1400
JD 3800 Long Tongue for Parts. $1100

TILLAGE:
Pittsburg 4x16 3 pt. plow . . $550

NEW EQUIPMENT SPECIAL
We have new JD 1065 A wagon chassis with adjustment hitch, 10x15 wheels, stakes, knock down.
Pick up here $750 each

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

ATTENTION DEALERS! ! !
We are distributing over a 10 state area for a company which handles renewed clutch discs and pressure plates for all the major lines of farm tractors and rebuilt TA units and TA parts for IH tractors We have no minimum on quantity and our prices are very competitive For dealer price list or more info please write or call

Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A B C through 1586 also for most models of IH combines

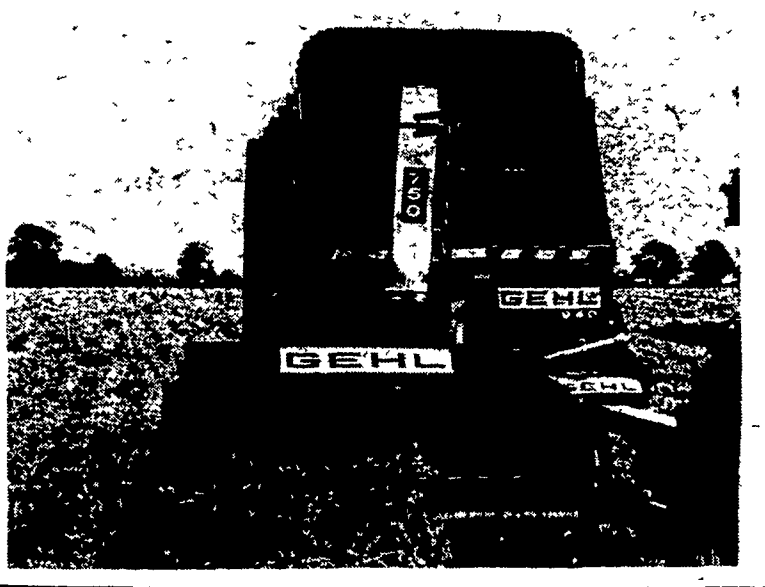
Complete TA assemblies for 706 1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA 340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor and yourself and send the center housing to us Complete rebuilt center housings available Mailed on exchange basis or for installation in tractors which did not have TA from factory

Parts Locating Service Available
Please have part no when calling if possible
Selling parts from the following
Tractors - IH W6, 340 350 460 400 450 560 660 806 1066 w/good hydro Pony motor for JD 720
Combines IH 203 JD 30 and 40 MF 35 Uni 701 705 710 Also Hesston self propelled 600 haybine

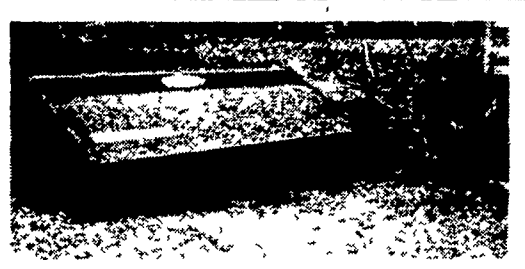
Parts shipped direct thru UPS & Parcel Post at No Extra Charge To Retail Customers

J. EDWARD LEAMAN
RD #1, Box 474 Willow St., PA 17584
717-464-2874

GEHL - A Cut Above The Rest

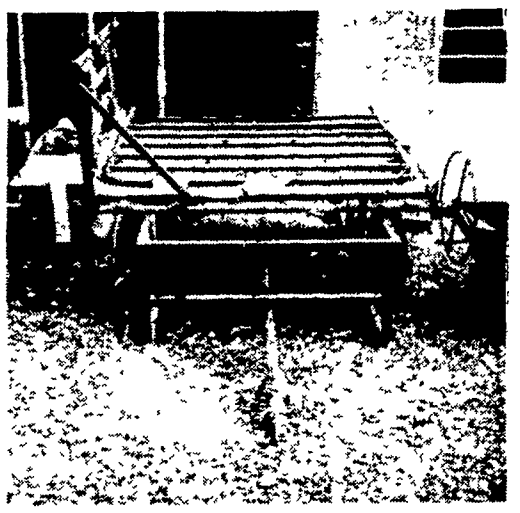


GEHL 750 FORAGE HARVESTER
With Hydraulic In Head Knife Sharpener, 2 Row Head, 6 Ft. Hay Pickup
IN STOCK
With Waiver of Finance Till Sept. 1, 1981. Be sure you check with us before you buy any brand.



9 FOOT NEW IDEA CUT-DITIONER
Like new knives, excellent condition, new style offset type
Only **$2985**

DIESEL POWER SPECIAL
PERKINS WATER COOLED DIESEL
Owattona 1700 Skid Steer Loader with Auxiliary Hydraulics, Good Condition
Only **$6,800**



Do Your Own Dairy Animal Work
TILT TABLE for Hoof Trimming, etc. New Price $2500
Our Price **$1680**

HYDRAULIC CYLINDER SPECIAL
List $76.90 3x8
$49.95

1977 Ford Model LTD Station Wagon, Air Shocks, blue paint, stop by & make an offer, call first

NEW BALE WAGON SPECIAL
8 ft. wide by 16 ft. long, Mounted on New 6 Ton Wagon With Reg. Hitch and Good Used Tires. Painted Red with Fold Down Front and Side Openings
$985.00

Used Mowers Like New Roper Riding Mower, 14 HP, w/42" Mower and 32" Snow Blower, A Good Price

I.H. Model 3514 D.L. Backhoe 1980 hours, with waiver of finance till Jan. 1, 1982 **$7900**

Used Diesel Loader Backhoe, Industrial, David Brown, Rebuilt Engine, with waiver of finance till Jan. 1, 1982 ONLY **$5800**

case

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

USED TRACTOR SPECIALS

FINANCING AVAILABLE

NOTICE: NO INTEREST, NO PAYMENTS
ON THESE TRACTORS TILL JAN. 1, 1982

DEUTZ MODEL 103-06, 4 wheel drive with cab, new clutch, 20.8x38 rear tires 13.6x28 front tires, 12 front weights, dual remotes, 1745 hrs.

$15,200

SPECIAL TRACTOR FEATURE:
CASE 870 DIESEL, Power Shift Tractor 1845 original hours, 540-1000 PTO, approx. 85 H.P., 18.4x34 rear tires, 11Lx15 front tires.

Only **$8,750**

- MF Model 2805, Cab, air, heater, 3 speed P.S., 20.8x38 rear tires w/axle duals, 3 remotes, 194 H.P., late model, call for your deal.
- Case 870 Diesel, power shift, 1837 original hours
- 2 Case 1830 Skid Loaders
- Owatonna Mustang 1700 Perkins D Skid Loader
- Owatonna 1000 Skid Loader, 60" Bucket & manure fork
- IH 3514 D Backhoe Loader Tractor
- Case 530 w/Loader
- Ford 5000 D w/Loader #727
- 4230 John Deere, D 4 post canopy w/enclose kit, 2400 hr., front weights, 18.4x38 rubber
- 990 David Brown D Select-A-Matic
- MF 65 Diesel Tractor, wide front, high clearance, fair cond , motor overhauled...$2900
- Case 1030 Diesel Tractor, late model Comfort King, western style
- Ford 860, Blue paint...$2800
- Deutz 9006, Diesel, Tractor...$7900
- Case 970 Diesel Tractor, P.S., late model, 1700 hours.
- Case 1070 Diesel Tractor, w/cab, heater, P.S. late model
- Fiat Allis model 12 Ga , crawler loader, P S. forward and reverse, canopy - priced to sell.
- Used Case 2090 Diesel Tractor, C.A.H., 20.8x38 rear tires, 8 front end weights, P.S., Presidents chair swivel seat...$21,800

HESSTON MODEL PT 10
LATE MODEL 9 FT. HAYBINE
Call For Your Deal

NEW & USED BLOWERS
New Kools KB 57 Hi Performancer ..... Only $1889
Used John Deere Model 60H $280

MAKE US YOUR NEW & USED HAY TOOL CENTER!

NOTICE: WE STOCK GEHL PARTS. WE SHIP ANYWHERE BY UPS TO YOUR DOOR

GEHL®

NEW 9 FOOT GEHL MODEL 1090 HAYBINE
Less lift cylinder and hoses, set up, 1 only **$5300**

7 FOOT GEHL MODEL 1070
Heavy duty knife guards **$4700**

FINAL PAYMENT NOT DUE TILL SEPTEMBER 1, 1981. INTEREST FREE
TRY GEHL - SATISFACTION GUARANTEED

NEW GEHL BALERS
1450 to 1850
With T.D.C. - The Simple System

A round baler is a round baler! Right?

Wrong! There are a number of types of round balers available today Some balers form soft center bales by simply packing and packing the crop 'till the bale rolls up Some are belt balers that make very dense bales with tight core and wrap And there are balers that use spikes and chains to form round bales Only Gehl balers with T D C give total Total Density Control total operator control over the type of bale he makes — small core less dense more dense or anywhere in between

MODEL 1450
Hydraulic twine wrapping mechanism, bale counter, make the size bale you can handle.

ONLY **$7900**
Waiver of Finance Till Sept. 1, 1981

WE SELL MORE THAN PRICE... WE SELL GEHL QUALITY!

Do You Have Heavy Farm Excavating Needs? We Have What You Need:

25 TON MODEL 12G FIAT ALLIS CRAWLER LOADER
Powershift & Hydraulic Foreward and Reverse, Canopy.
10% Financing on First Year
Priced to Sell at **$11,800**

NEW FROM GEHL... 1080 Disc Mower Conditioner

Learn The Secret to high-speed, disc hay cutting. We'll give you a special Gehl Disc Mower Demonstration

★ **The Unpluggable Time Saver With Speeds Up to 10 Miles Per Hour**

Cut, condition and windrow up to 7'10" in even the heaviest crops with this disc mower conditioner Six counter-rotating, three-knife discs slice through your crop at up to 54,000 cuts per minute, leaving your fields cut short, smooth

Specially tempered reversible knives feature a 15° lift on the heel, to cut your crop, then lift it, allowing the cutterbar to slide under your crop, reducing machine-crop contact A special deflector on top of the disc then lifts the crop into the conditioning rolls

The conditioning rolls then aggressively grab the crop, yet gently condition it, cracking the stems at uniform intervals to speed drying, reduce leaf loss

The 1080 disc mower-conditioner features a heavy cover shield adjustable skid shoes for varied cutting heights flotation tires hydraulic lift ram adjustable flotation and conditioning roll pressure stone guards and more!

IN STOCK

IF YOU ARE TIRED OF PLUGGING WITH YOUR CONVENTIONAL MACHINE, CALL FOR A FREE DEMO.

WE DARE YOU TO CLOG THIS MACHINE!

OUR DEAL OF THE MONTH:
NEW BEARCAT 101 HYDRAULIC GRINDER-MIXER
LIST OVER $7000
OUR PRICE
$5285
F.O.B. 1 Only

Set up with flotation tires, 1,000 R.P.M. P.T.O., 101 Bu. mixer, 144 reverse hammers, heavy duty cast iron frame, 18" mill.

Little Giant Model 21
High Capacity portable elevators for all crops. 34 ft. and 38 ft. available setup.

BALER SPECIAL:
N.H. SUPER 68 WITH #50 THROWER

NEW FROM GEHL:
204 WHEEL RAKE
4-wheel, 3-point hitch-mounted hay rake. Bad weather, or even a heavy dew doesn't have to spoil your hay crop, not with one of the NEW finger-wheel rakes from Gehl!
SET UP, IN STOCK
$885

THIS WEEK'S SPECIAL
GEHL MODEL 640 SELF UNLOADING BOX

Continuous drive, 6x16 less roof, with 3 beaters, mounted on 8 ton McCurdy short turn radius wagon w/11L flotation tires, extendable hitch.

$3695 1 Only

★ NEED A BOX FOR HIGH MOISTURE HAYLAGE WE HAVE THEM IN STOCK-STOP IN FOR YOUR NEEDS.

A.O. Smith Harvestore MODEL 400 ROLLER MILL
In good condition on transport wheels.
New Price Is over $3200
OUR PRICE ON THIS UNIT: **$1900**

NEW & USED SKID LOADERS IN STOCK

New Demo CASE 1816B UNILOADER
Serial #9847547 with 5 90x15 tires, reversible wheels for 35" narrow wheel base or wide track 44" Equipped with counter weights and hour meter Choice of 35" or 44" bucket

1 Only **$5585.00**

Used Owatonna 1000 Skid Loader, good rubber, large 60" wide bucket. new manure fork.
$3800

Used Gehl 4400, Ford 44 H.P. water cooled engine, hydrostatic $5900
Used Owatonna 1700, 3 cylinder Perkins diesel Skid Loader $6800
Used Case 1830 Uniloader, Serial #983122, 54" wide $6900

case

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

★ Call Before 5 P.M. For Evening Parts Pickup
★ We Ship Parts Same Day, UPS Anywhere

FARM EQUIPMENT

1034 Bale Wagon
1010 Bale Wagon
213 Spreader
208 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
760 Chopper head 2-row
3200 IH Skid Loader
York Blade
Bush Hog Blade
NH Corn Head 1-row 770 new
438 Corn Head less att.
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438-15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

FARM EQUIPMENT

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 285
MF 1080 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 1100 w/cab, low hrs.
(2) Farmall 450 Diesels
MF 1130 diesel

Forage Harvesters
Field Queen side dump

Hay
JD 336 baler w/thrower
NH 479 haybine
Hesston PT7
Hesston PT10
Hesston 1014-10'
Hesston SP6600

Tillage
Moore no till drill
10' Bearcat pulvi-mulcher

Spreaders
NH 519 w/hyd. gate
Gehl 250
(2) Starline 180 bu.
Hawk Bilt 150 bu.
NI flail

Miscellaneous
Gehl 120 Mixall
Shaver 12" post hole digger
Shaver post driver
300 gal. Walsh Sprayer

Harvesting
NI 318 grinder unit
NI 2-row Super sheller, new
NI 314 sheller
NI 2-row picker, 8 roll
Oliver 1-row picker
M.C. grain dryer

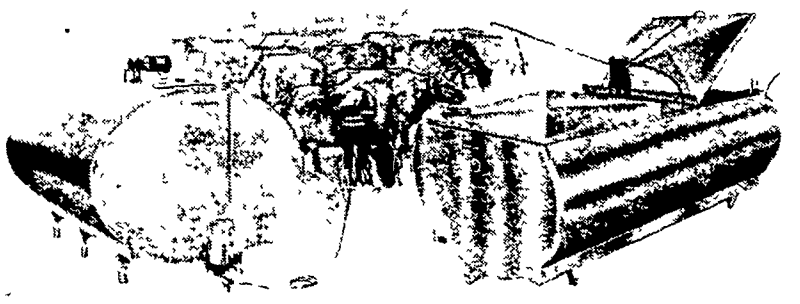
Combines
JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
MF 300, cab, 3-row

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

MUELLER Milk Coolers®

SHORT ON CASH? LEASE A TANK!

Superior Cooling, automatic washing, and free hot water are only three of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!

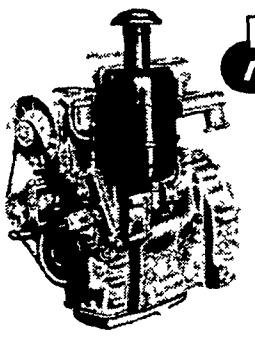


IF SPACE IS A PROBLEM..
In your milking parlor the Model OH can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge

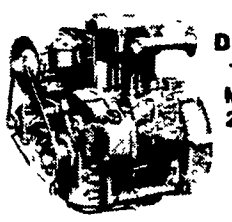
USED 500 GAL. SUNSET

MWM murphy DIESELS

DIESEL ENGINES



Two Cylinder Model D 302-2 14 to 32 HP



D 327 Series Two Cylinder Model D327-2 20 to 36.5 HP Max.

For More Information Contact Your Authorized Mueller Dealer

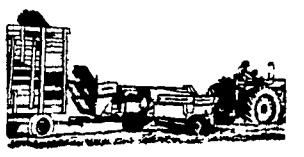
Sult's Refrigeration Service

Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
RD 1 Gordonville, PA 17529
★ 24 HOUR SERVICE
PH: 717-768-8555

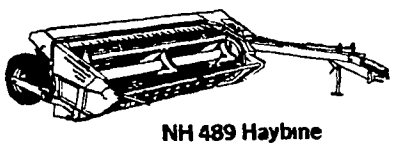
BEFORE YOU BUY - CHECK OUR PRICES

CLIP THIS COUPON & MAIL TO
SULT'S REFRIGERATION SERVICE
RD 1 Gordonville PA 17529
[ ] Send More Information [ ] Have Representative Call
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

CUT HAY THE NEW HOLLAND WAY

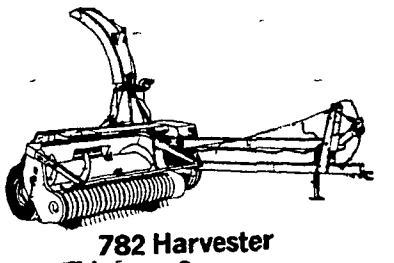


NH 310 Baler w/70 Thrower



NH 489 Haybine

WAIVER OF FINANCE
★ Forage Equipment w/ Hay Heads till June 1, 1981 w/Cornhead till August 1, 1981
★ Hay Tools till June 1, 1981



782 Harvester

WAIVER OF FINANCE
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981

STARLINE

WE STOCK A FULL LINE OF STARLINE PARTS

CALL OUR FRIENDLY SALESMAN BOB GANTZ
717-397-5179 or 687-6002 Or Call His Home 653-5020 Anytime

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

VISA PAGE

ALLIS-CHALMERS

PARTS & EQUIPMENT SALES & SERVICE

We Have A Good Line Of Used Equipment at Fair Prices

McConnell Forage Wagon, 3 Beater w/Roof
Case 995 S.P. Windrower w/10 Ft. Head
N.H. 273 Baler w/Engine
N.H. 273 Baler w/54A thrower
N.H. 275 Baler w/Thrower
AC 80-S Mower
N.H. 26 Hopper Blower
N.H. 479 Haybine
N.H. 1469 Haybine
(2) N.H. 489 Haybines (Excellent Condition)
Winpower 20,000 Generator like new
A.C. E330 Corn Head, excellent condition
N.I. 372 2 Row Narrow Corn Picker, Ex. Cond.
N.H. 55 Rake
N.H. 1495 S.P. Mower conditioner
710 Int. 5 Bot. Reset Plow
N.H. 1469 Haybine with Ford engine
H 461 Haybine
N.H. 169 Baler w/thrower, real nice
Yanmar 15 H.P. Diesel Demo
Grove Forage Wagon

L. H. BRUBAKER, INC.

350 Strasburg Pike, Lancaster, PA
Phone: 717-397-5179

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

JOHN DEERE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

NEW EQUIPMENT

New Tractors
JD 4440 Quad, PS, S guard
JD 4240, Quad, S guard
JD 4240 w/PS & S guard
JD 950
JD 850
JD 750

USED COMBINES
JD 7700 w/14' plat
JD 6600 w/443 4 RN corn head
Massey 300 w/cab & 13' platform, 3 RW head
708 NI power unit, like new w/hydrostatic cab & air

NEW FORAGE HARVESTERS
JD 3960 w/3 RC & hay pickup
JD 3940 w/2 RC & hay pickup

USED CORN PLANTERS
JD 1240 4R plateless w/dry fert & insect att
Ford 309 4R plateless w/dry fert & insect att
JD 7000 6 RN plateless w/dry fert & insect att
JD 494 4 RN planter
Oliver 4-row plate type w/dry fert att

USED TRACTORS
JD 3010 RU gas w/46A loader
(2) JD 3020 diesels
JD 2520 gas
JD 2940
JD 2840
JD 2640 HU D, hi-lo
JD 2440 HU D, hi lo
JD 2630 HU diesel
JD 2010 gas RC
IHC 656 diesel hydro, exc
Massey 65 w/loader

USED HARVESTERS & HAY TOOLS
JD 16A flail chopper
JD 15A flail chopper
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach
JD 336 baler
JD 24T baler

USED DISC HARROWS
JD BWF 14' disc har row
JD AW 15' disc harrow
JD KBA 28 disc har row
JD KBA 24 disc har row
JD 220, 17'1"
JD F950 12' roller har row

SPECIAL PRICES ON NEW IDEA 206 GROUND DRIVE SPREADERS NOW IN STOCK FOR IMMEDIATE DELIVERY

SPECIAL PRICES ON ALL NEW IDEA SPREADERS & HAY TOOLS WITH FACTORY REBATES

NEW JD 4 & 6 ROW N CONSERVATION & REGULAR 7000 MAXI-MERGE CORN PLANTERS AVAILABLE FOR IMMEDIATE DELIVERY

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

GOOD NEWS REBATES!

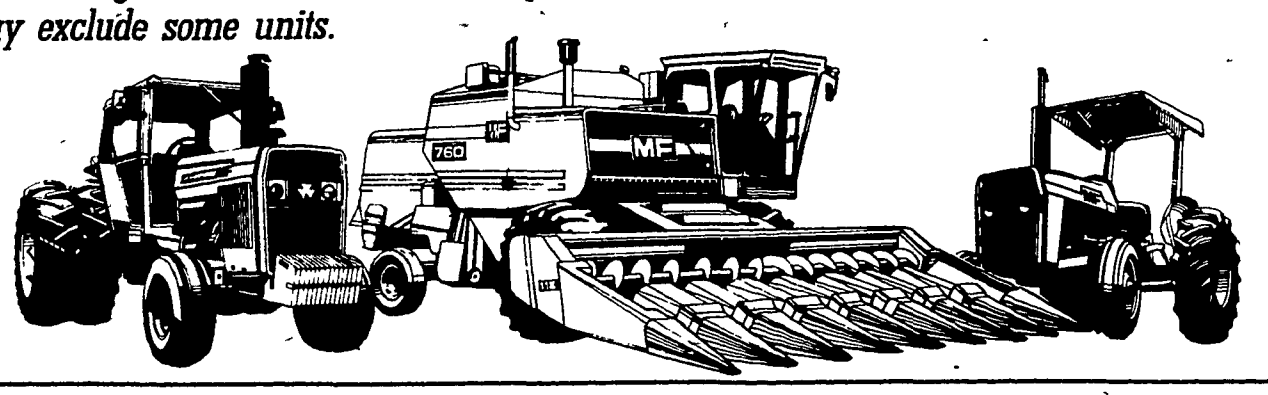
MACHINE	REBATE	OR WAIVER OF FINANCE CHARGES
TRACTORS (Horsepower*)		
MF 205/205-4 (20 eng hp)	$300	
MF 210/210-4 (25 eng hp)	$400	
MF 220/220-4 (31 eng hp	$500	
MF 230/245/154-4 (34 42, 42 PTO hp)	$400	
MF 255/265/275/184-4 (52, 60 67, 62 PTO hp)	$600	Until October 1 1981
MF 285 (81 PTO hp)	$800	
MF 2675/2705 (100 120 PTO hp)	$1 300	
MF 2745/2775/2805 (140 160 190 PTO hp)	$1 700	
MF 4800/4840 (225 265 eng hp)	$3 700	
MF 4880/4900 (320 375 eng hp)	$4 300	
*MFG RATED HP		
INDUSTRIAL TRACTORS		
MF 20C/30B/40B/50C	$600	
TRACTOR LOADERS		
ME 20C/30B/40B/50C	$750	Until October 1 1981
BACKHOE LOADERS		
MF 30B/40B/50C	$950	
MF 60	$2 000	
COMBINES		AND WAIVER OF FINANCE CHARGES
MF 540/550	$4 000	Grain
MF 760/750	$4 000	Until August 1 1981
MF 751 PT	$1 500	Corn/Bean
MF 860/850	—	Until September 1 1981
BALERS		OR WAIVER OF FINANCE CHARGES
MF 1560	$350	
MF 1440	—	
MF 128/130	—	Until September 1 1981
MF 124/126	—	
MF 120	—	

This summer's top story is the big rebates from Massey-Ferguson — just when you need 'em most. Purchase one of the new MF models listed and you can get from $300 to $4,300 back from MF. And here's more news. Waiver of finance charges are also available when you finance with Massey. Today, that's good news.

Get the full scoop from us soon.

MF
Massey Ferguson

Offers are good for a limited time only and may exclude some units.



SPRING SALE ON NEW & USED EQUIPMENT

DEMONSTRATOR TRACTORS

MF 2775 Cab	$29,000.00
MF 2745 Cab	$28,500.00
MF 285 M.P	$16,500.00
MF 285 M P	$16,500.00
MF 275 Orchard	$13,300.00
MF 255 M P Std.	$12,200.00
MF 255 M.P Std	$12,200.00
MF 255 8 sp Hi Cl	$11,900.00
(2) Industrial 20C Tractor Cabs	@ $1500.00

USED TRACTORS

MF 1155 8 sp	$11,000.00
MF 1135 M P Less Cab	$9500.00
MF 1085 w/Rollbar, 8 sp	$8200.00
MF 1080 M P., Engine O H	$6500.00
Farmall 460	$1700.00
Case 1370, Cab 1480	$14,000.00
Oliver 1600 Gas	$3500.00
MF 6 hp Riding Mower	$350.00
IH 107 Cadet Mower.	$800.00
MF 33 Wheel Loader	$9,000.00
NW 71 Skid Steer Loader	$800.00
MF 7 Tractor w/Mower 10 hp	$875.00

NEW COMBINES, GRAIN HEADS, CORN HEADS
Call For Special Prices & Rebates

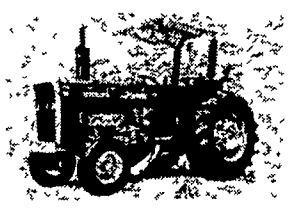
MF 860 Combines (7)	Call
MF 850 Combine (2)	Call
MF 750 Combine	Call
MF 550 Combine (4)	Call
MF 540 Combine (2)	Call
MF 15' Grain Head (9)	Call
MF 16' Grain Head	Call
MF 18' Grain Head	Call
MF 13' Grain Head (6)	Call
Profiteer 14' P.U. Reel (7)	@ $625.00
Profiteer 15' P.U. Reel (3)	@ $650.00
MF 24 2 Row Corn Head (9)	@ $2350.00
MF 1143 Corn Head (4)	Call
MF 1144 Corn Head (7)	Call

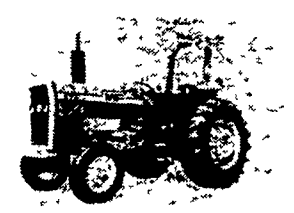
USED COMBINES

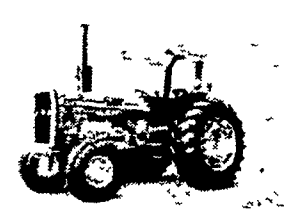
MF 750 Hydro w/Grain & Corn	$65,000.00
MF 760 Hydro w/Grain & Corn	$48,500.00
MF 750 Hydro w/Grain Head	$29,000.00
MF 750 4 sp w/Grain Head	$26,000.00
MF 750 4 sp w/Grain Head	$24,500.00
MF 750 Hydro w/Grain Head	$28,000.00
MF 750 w/Grain & Corn Head	$18,500.00
MF 760 6 cyl 4 sp Grain Head	$25,500.00
MF 760 cyl 4 sp Grain Head	$19,500.00
MF 510 D 3 sp w/Grain Head	2 @ $12,500 00
MF 510 QA w/Grain Head	$9500.00
MF 410 Diesel w/Grain Head	$5800.00
MF 410 gas w/Grain Head	$5700.00
MF 300 Gas, Grain & Corn	$9000.00
MF 410 Gas w/Grain, as is	$1500.00
MF 300 10' Grain, 2 Row Corn	$6500.00
MF 300 w/13' Grain	$3100.00
MF 30 w/2 Row Corn	$2500.00
White 7300 Gas, Grain & Corn	$17,500.00
JD 4400 Gas, Grain & Corn	$15,900.00
JD 45 Gas w/Grain Head	$1000.00
Gleaner CII Gas, Grain & Corn	$5900.00
IH 315 Gas, Grain & Corn	$7900.00
IH 303 Gas, 13' Head	$1790.00
IH 303 Gas, Grain & Corn	$3900.00
IH 141 Gas W/Grain	$2000.00
IH 91 10' w/Cab	$950.00
MH 80 sp 12'	$600.00
NI 710 Combine & Header Unit	$1500.00
JD PTO Corn Sheller	$275.00

WE SOLD 9 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

We stock genuine MF PARTS and offer expert factory-trained SERVICE







USED COMBINE GRAIN HEADS

MF 13' w/P U Reel	$2100.00
MF 14' w/Rice Reel	$3000.00
MF 14' P.U. Reel (2)	$1900.00
MF 14' P.U Reel (2)	@ $1500.00
MF 14' Vari Speed	$1200.00
MF 14' To Fit 510	$500.00
MF 12' To Fit 410	$1200.00
MF 15' P.U Reel, THC (2)	$2900.00
MF 15' Reg Reel	$1500.00
MF 16' P.U Reel, THC	$1500.00
Profiteer 13' Reel (7)	$100.00-$250.00
Profiteer 15' Reel (4)	$75.00-$250.00
Profiteer 16' Reel	$250.00

USED CORN HEADS

MF 68C 6 Row N To Profile (5)	@ $4000.00
MF 63C 6 Row N	$2500.00
MF 63C 6 Row N Reg (2)	@ $3500.00
MF 44 4 Row W (3)	@ $2500.00
MF 44 4 Row W Lo Profile	$2900.00
MF 44 4 Row W Belt Drive (4)	@ $2100.00
MF 44 4 Row W Lo Profile	$3500.00
MF 43 4 Row N Reg (5)	@ $2900.00
MF 33 3 Row N (2)	@ $2500.00
MF 24 2 Row W (2)	@ $500.00
MF 422 4 Row To Fit 510 (2)	@ $1200.00
MF 421 4 Row To Fit 410	$1200.00
MF 621 6 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00
AC 435G 4 Row To Fit CII	$1500.00
IH 430 WM 4 Row To Fit 503	$500.00

USED PLOWS & TILLAGE

IH 550 5-16 Semi Plow	$1500.00
MF 880 4-16 Semi Plow	$3500.00
MM 6-16 Semi Reset Plow	$2350.00
MF 127 7 Tooth 2 Bar Chisel	$850.00
Case 36 Disc Harrow w/Harrow	$1550.00
Glenco 9 Tooth Soil Saver	$3700.00

NEW & DEMONSTRATOR HAY, FORAGE & PLANTING

MF 200 Harvester w/1 Row Head	$4400.00
MF 200 Harvester w/2 Row Head	$5600.00
MF 1 Row Corn Head for 200 (4)	@ $900.00
MF 260 Harvester w/2 Row Head	$6900.00
MF 260 Harvester w/Used Head, 2 Row	$6100.00
MF 124 Baler w/Wagon Chute	$4650.00
MF 22 Bale Thrower (2)	@ $1520.00
MF 925 Haybine 9'	$4900.00
MF 37 Pt Hay Rake	$1650.00
Farmhand F7 Hay Rakes (2)	@ $1995.00
Farmhand M25 Hay Rake.	$925.00
Fella F320 Tedder & Rake	$1500.00
Niemeyer Hay Tedder	$1525.00
Farmhand 3 pt Wheel Rake (2)	@ $650.00
MF 114 Forage Box on Gear	$3250.00
EZ 16' Forage Box w/12T Gear	$4200.00
Brady 722 6' Chopper	$2250.00
Mott 72" Flail Mower (2)	@ $1500.00
MF 41 7' 3 pt Mower	$1450.00
Farmhand Corn Processor w/Conveyer (6)	@ $5450.00
MF 1050 Grinder Mixer (2)	@ $5700.00
Farmhand 880 Lab Grinder	$8500.00
MF 1560 Round Baler	$8975.00
MF 1440 Round Baler	$7100.00
MF 468 Corn Planter 6 Row	$2588.00

NEW & DEMONSTRATOR PLOWS & TILLAGE

MF 129 8 Tooth Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 880 6-16 Semi Plow	$6100.00
Glenco 7 Tooth Soil Saver	$4400.00
Mf 43 3-16 Bottom Plow	$1275.00
MF 43 3-14 Plow	$1260.00
MF 43 2-14 Plow (2)	@ $1060.00
MF 620 12' Disc Harrow	$4250.00
MF 620 12' D H w/Buster Bar	$4650.00
MF 730 Offset Harrow	$4950.00
Dunham 12' Cultimulcher	$4400.00
MF 25 3 pt Disc Harrow	$1175.00
Amco F17 - 32 Disc Harrow	$5200.00
Dunham 14' Cultipacker	$1175.00
Dunham 4R 38" Cultivator (2)	@ $1350.00
MF 428 4R Cultivator	$1250.00
MF 428 4R Rolling Cultivator	$1550.00
Pittsburg 2R 3 pt Cultivator	$470.00
Yetter 15' Rotary Hoe	$1850.00

NEW & DEMONSTRATOR MISC. EQUIP.

York BC 6' Scraper	$230.00
York BC 7' Scraper (4)	@ $250.00
York BD 7' Scraper.	$500.00
York BD 8' Scraper (2)	@ $550.00
York BE 8' Scraper.	$850.00
York BH 100 8' Scraper	$975.00
MF 126 Scraper (3)	@ $460.00
MF 8 Ton Wagon Gear	$775.00
MF 10 Ton Wagon Gear, 11L Tires	$900.00
MF 12 Ton Tandem Gear w/Tires	$1525.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 1074 10 Ton Gear (2)	@ $1050.00
EZ 872W 8 Ton Gear (4)	@ $830.00
EZ 672 6 Ton Gear (6)	@ $675.00
EZ 220 Gravity Box 170 Bu (4)	@ $530.00
EZ 300 Gravity Box 225 Bu.	$905.00
MF 236 QA Loader	$2495.00
MF 32A End Loader	$3100.00
Dunham 22 Loader (3)	$2550.00
Dunham 2 Loader	$2250.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
MF 205 Manure Spreader	$2850.00

USED MISC. EQUIP.

Fontana Loader	$1200.00
3 pt Snow Blower	$600.00
Fert Drill	$125.00

USED HAY, FORAGE & PLANTING

Fox Harvester 2 Row & Hay	$1000.00
MF 1050 Grinder Mixer	$4850.00
MF 124 Baler	$2400.00
MF 560 Round Baler	$4700.00
MF 37 5 Bar Rake	$1400.00
Brady 722 Chopper	$1200.00
Brady 1680 Chopper	$2900.00
Hesston 10 Stacker	$3750.00
MF 24 16' Forage Wagon	$1400.00
JD Grinder Mixer	$2150.00
NI 315 Mtd Picker Sheller	$1800.00
MF 37 Pt Hay Rake	$1400.00

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

FARM EQUIPMENT

8' York Rake, $275
DENNIS M. MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838 1888 anytime
717-469 0937 daily

For Sale - Pull type IH 64 combine, 6' cut, has been an unloading auger, engine powered, good condition, $350 Northumberland Co 717-425 2638

FARM EQUIPMENT

Ford Industrial engines, 4 cyl gas, 172 cu in, used for NAA to 600 & 700 tractors, wood chippers, etc, perfect condition, $550 ea Middlesex Co, NJ 201-249 3090 days or 201-873 3769 eves

FARM EQUIPMENT

For Sale - JD 1 .0 Crawler with industrial loader and hydraulic reverser, also extra rollers and starter, small parts, very good condition $7000 or best offer Located along 772 Paul S Zimmerman, RD #1, Leola, Pa 17540

FARM EQUIPMENT

FARM EQUIPMENT

SPRING SPECIALS...

Amco 10'6" Wheel Carrier Disk $4475
Soil Master 7 Tooth Chisel Plow $4825
8 Ton Elec. Wagon Gear.... $575
Farmall Cub 42" Mower... $1700
20 HP Wheel Horse, Excellent Condition $2995

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa on Rt. 501
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IH 1440 Combine w/ 843 Corn Head (Used two seasons)
IH Cyclo 400 Planter 8 row w/monitor
Krause Rock-Flex Disc 21' w/ hydraulic lifts (Used one season)
IH 1066 Turbo Tractor

For further information contact
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RATH FARMS
151 Beacon Road
Renfrew, PA 16053
412-586-7320 Days

SPRING CLEARANCE
USED EQUIPMENT PRICED TO SELL

JD 1240 4 row planter with new fertilizer boxes $1450
JD 494 4 row planter $300
AC 4 row corn planter no till coul[SOLD] $800
White 4 row planter, no till attachment $1500
IH HD disc 13' $1300
JD 24T baler w/ejector, good condition $1800

John Deere design, dependability and dealers make the difference

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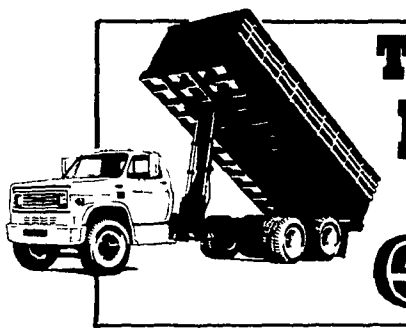
215-932-2753 215-932-2754
New Summer Hours
7 am - 6 pm daily Monday-Friday



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Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

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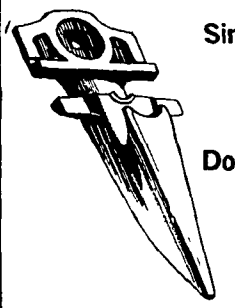
WILL SHIP SAME DAY VIA UPS - PPSH - BUS - AIR FREIGHT - ETC.

CLEAN-CUT BARGAINS...
Save Up To
20% on International Cutting Parts!

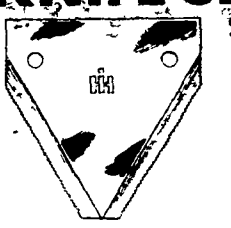
CUTTERBAR GUARDS



Single Guard - 48400 R11
List $4.34
SALE $3.40
Double Guard - 483500R3
List $7.19
SALE $5.75

CUTTERBAR ASSEMBLY
7 ft.
MA 22837
462380R92
List $69.50
SALE
$55.95

HEAVY DUTY
KNIFE SECTION
Serrated Edge
M22831
List 51¢
SALE
39¢



USED EQUIPMENT

TRACTORS and MACHINES ARE MOVING. If you're looking for a piece of good used equipment and its not listed below, Call us anyway, could be we just traded what you want.

DISC HARROW & FIELD CULTIVATOR

6072 IH #37 Disk
5828 IH 470 21' Disk
6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
5440 J.D. KB Disc Harrow
6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D. BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk
5135 Bushhog 1445 Disk 25'
5538 Pittsburgh 10' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
6515 Dunham 42319 Wing Cultipacker
6651 Deere 210 Disk 12'

HAY & FORAGE

6537 NH 469 Haybine, 9'
NH 477 Haybine, 7'
5311 IH 225 Hayswather, 7' Self Propelled
4263 IH 990 Mower Conditioner, 9'
6566 Deere 3800 Harvester
6138 Fox Super D 162 Harvester, Self Propelled
5752 IH 650 Harvester, Recutter
4405 IH 650 Harvester, Recutter
2319 IH 650 Harvester Direct Throw
5444 NH Super 717 Harvester
5445 NH 717 Harvester
IH 350 Harvester
6524 Mohawk 6' Rotary Cutter
5814 Deere 737 Rotary Cutter, 13'
6423 Lilliston, 6' Rotary Cutter
4976 NH 320 Baler
5776 Bushog 9' Rotary Cutter
5371 IH 56 Blower
5360 Deere 65 Blower
5775 IH 110 Forage Box, 16'
6090 IH 110 Forage Box, 16'
6091 IH 110 Forage Box, 16'

TRACTORS

6595 IH - F1586D w/30.5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6406 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5760 I - 706D Tractor
5660 F706D Tractor
5163 IH 706D Tractor
6186 IH 656 Hydro Tractor
6413 1-464G w/Dunham Loader
6005 I - 464D Tractor
5980 F - 450 G Tractor
5642 F444 Tractor
4307 IH - Farmall 400 G Tractor
6035 Case 2670 Tractor 4WD
6432 Tractor
6165 Deere 4020 D Tractor
Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
6432 IH - F1586D, 20 8x38 Duals
6435 IH 1066 Hydro
6403 MF 1805 4WD w/Blade
6580 IH F 1086 D w/Cab
6526 IH 125 Series C Crawler, Loader
6510 Ford 4000D SU
6180 IH - F886D w/Cab, 400 Hrs.

PLANTERS & DRILLS & SPRAYERS

2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J.D. 494 Cornplanter
5321 IH #10 Grain Drill
5080 J.D. 20x7 Drill ModelB
6237 FMC Trojan 10 gal. Sprayer
2038 Bean 40 RC Sprayer w/Truck
6467 IH 510 Grain Drill 24x6 Plain
6426 IH 510 Drill 24x6 Plain

COMBINES

6252 IH 1440 Combine
6239 IH 1460 Combine
5742 IH 915 Combine
4148 IH 815 Combine
5928 IH 815 Combine
6542 IH 715 Gas
6126 IH 503-C Combine w/430 w/n Cornhead, w/13 5' Grain Platform
5536 J.D. 6600 Diesel - Gear Combine
4823 J.D..4400 Combine Diesel
6389 J.D. F105 Combine
6387 J.D. 95 Combine
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
4877 A/C - Gleaner GKS
6098 NH 975 Combine
5838 NI 704 V6 Uni-System w/717 Combine
6396 AC Gleaner MKS

FACTORY REBATES ON NEW TRACTORS: **OR** **IH RED POWER DOLLARS**

Models: 986, 1086 ..... $3,000 or $4,500
1486, 1586 ..... $4,000 or $6,000
3388, 3588
3788 ..... $5,000 or $7,500

FACTORY REBATES ON NEW COMBINES:

Models: 1440, 1460, 1480 ..... $3,500 or $5,000
1420.. ..... Up to $7,000 Discount on the Axial Flow Combine

* IH RED POWER DOLLAR CERTIFICATES MAY BE REDEEMED BY THE PURCHASER AT C.B. HOOBER & SON INC. ON THE PURCHASE OF ADDITIONAL NEW IH EQUIPMENT OR PARTS BY DECEMBER 31, 1981

C.B. HOOBER & SON INC.

INTERCOURSE, PA 717-768-8231

United Parcel Service

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IH HEADQUARTERS FOR INTERNATIONAL HAY EQUIPMENT

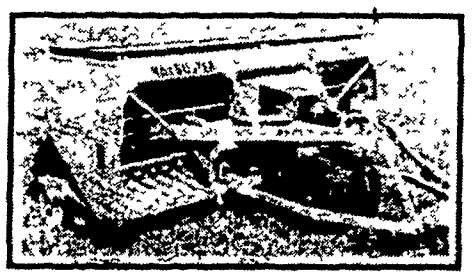
WE'RE HUNTING HAYBINES!!

Call us when you start to make HAY and we'll demonstrate a new IH 1190 Mower Conditioner against your New Holland haybine. We're convinced that if you try an 1190 you'll see that it will increase production in your Hay Operations.

If you demonstrate and then buy an IH 1190 Mower Conditioner and trade your HAYBINE we'll give you
1) a $500.00 factory Rebate and
2) a SPECIAL $500.00 Extra HOOBER Trade Allowance.

WE AIM TO PROVE THE 1190 PERFORMS

HAYBUSTER NO-TILL DRILL



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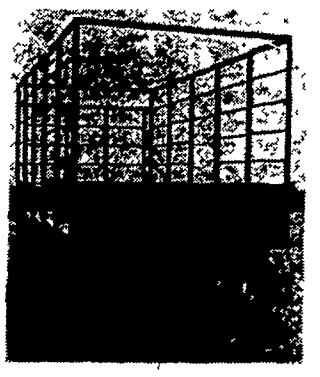
MODEL 1206 MICRO-SEEDER CAN ALSO BE USED FOR MINIMUM OR CONVENTIONAL TILLAGE
★ Also Available in Semi-Mount Design
CALL FOR INFORMATION

RUGGED STEEL BALE WAGONS

- 18' or 21' long
- 8' wide inside
- 8' high
- Fold down front gate w/diamond plate platform
- Swing-out tailgate
- 8 ton gear w/ extendable tongue
- New 9.5Lx15 tires



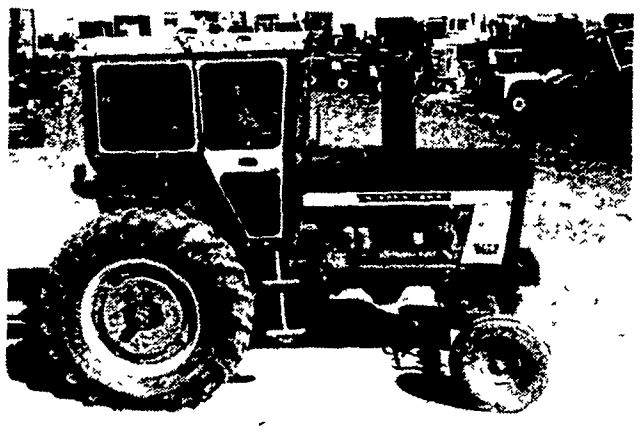
BACKED BY HOOBER PARTS & SERVICE In 717 & 215
Call Toll Free For Price: 800-732-0017

GRIMM TEDDERS

Make Quality Hay BETTER and FASTER...
Available With Rubber Teeth

PTO Driven **$1275** Ground Driven **$1225**

EVERY TRACTOR WE SELL...NEW OR USED - IS BACKED BY HOOBER'S SERVICE!



IH - F766D w/Cab, Excellent

IH - F1586D w/Cab & Duals, 1200 Hours

6585 Case 1370 w/dual 120.8x38, 1976

ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C.B. HOOBER & SON INC.

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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

case

Farmall 300 gas tractor, fully equipped, all hydraulics
JD 4010 Dsl. Tractor w/Duals
1975 1370 Case Tractor, nice cond.
(2) New Idea 213 Manure Spreaders in Excellent "like new" Condition
Plus NI cut/ditioners & mow/ditioners, corn pickers and tractors in stock at Good Prices.

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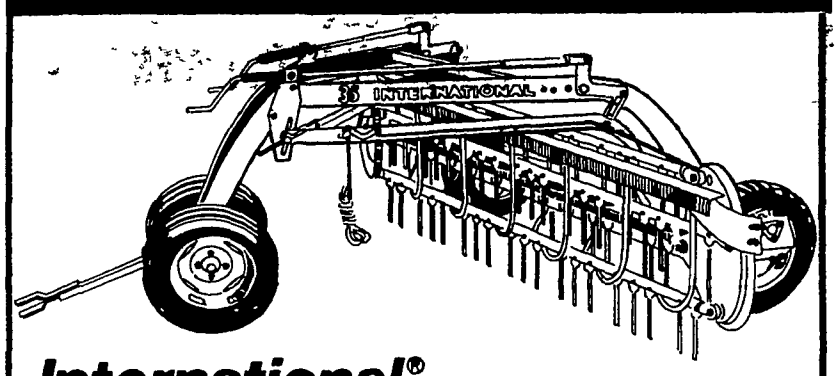
GOOD USED EQUIPMENT

Farmall H tractor
IHC model 350 trailing disc harrow 11'6" good cond
Leyland model 2100, 100 hp w/16 9x34 dual wheels 1400 hrs w/cab, clean
Used NI #279 cutditioner, like new
JD 13x2 grain drill, double disc openers good condition
IH 3 btm. semi-mtd fast hitch plow
IH #710 4 F auto reset plow
IH 4120 Skid loader w/2 buckets
F-140 w/culti , ldr., plow, & mower, exc cond

NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
717-943-2367

Get the best in gentle, high-capacity raking



International® *35 Parallel Bar Rake*

- Rakes a 9-ft. swath, 4 tooth bars standard; 5th can be added for extra-delicate raking.
- Ground drive for complete tractor-seat control over raking action; hydraulic drive available.
- Offset wheels are right behind basket for best work in uneven ground.
- Dolly wheel attachment helps prevent tooth "dig in" over extra rough fields.
- Rubber-mounted triple-grouped teeth get all the hay, yet are flexible to guard against damage.

Finance plans available.

INTERNATIONAL AGRICULTURAL EQUIPMENT

USED TRACTORS
IH F-544D w/3 pt WF
(2) IH F-350's w/2 pt
IH F-300 w/2 pt
(3) IH F-M (Any Price Range)

USED TILLAGE
IH 470 16' wing disc
IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 540 4F 16" Semi.
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt.
Dunham 10' Packer Mulcher

MANURE SPREADERS
IH 35
IH 175
IH 530
NI 201

USED HAY EQUIP.
IH 46 Baler
IH 27 Baler w/thrower
IH 37 Baler w/thrower
IH 47 Baler w/thrower
IH 420 Baler w/thrower
IH 430 Baler w/thrower
NH 469 9 Ft. Mower Cond.
NH 479 9 Ft. Mower Cond.
NI 290 9 Ft. Mower Cond.
(3) IH 990 9 Ft. Mower Cond.
IH 120 7 Ft Mower
IH 15 Hay Rake
IH 15 Hay Rake
NI Parallel Rake

MISCELLANEOUS EQUIP.
100 Gal Sprayer

USED PLANTING EQUIP.
IH 400 4R Planter
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe

USED HARVESTING EQUIP.
IH 234 w/Sheller
IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)

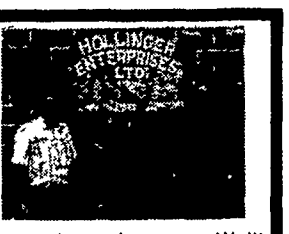
USED FORAGE EQUIP
NH 818 2R Harv
Van Dale w/Roof & Chassis
Grove 16 Ft. w/Chassis
Grove 16 Ft. w/Chassis
(INTEREST FREE TILL 8-1-81)

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

Hollinger tractor co.

749 Rothsville Rd., Lititz, Pa. 17543

(717) 626-1120
Call
Larry Hollinger
or Lee Dull
HOME
(717) 949-3451



We want your business We'll do our best to serve you Larry Hollinger, (left) and Lee Dull

CRAWLER LOADERS
Cat 977H Lever Steer ready to go $10,500
Cat 977H w/cab 90% undercarriage $12,500
Cat 955K 85J Sharp w/ROPS $22,500
(2) Cat 955 12A $6,500
AC HD 6 $4,500
AC HD6G Slant hood, sharp $8,500
1974 Case 450 Backhoe Loader sharp $12,500
JD 450B w/ROPS, Sharp $13,500
JD 450C good undercarriage sharp $13,500
JD 350 w/ROPS $8,500
AC HD4 w/Backhoe, sharp $10,500
Cat 955H Pedal Steer, sharp $12,500

DOZERS
JD 350 6 way angle $9,500
JD 450 6 way angle, sharp $6,500

BACKHOES
1972 Ford 4500 Dsl w/cab $9,500
1979 Case 580C w/full cab, 1000 hrs $20,500
(2) Case 580 excellent, sharp $6,500
IHC 3500 sharp $9,750
AC 1850 Super $18,500

GRADERS
(2) Gradall 2460 dsl U/D $5,500
AC-45 w/cab (diesel) $6,500

AIR COMPRESSORS
Jaeger 125 $1,500
Schram, w/50' hose & Jackhammer ready to go $2,850

ROLLERS
1 ton Rosco, like new $1,500
1 ton Western with trailer $3,500

TRAILERS
Patsco 25 ton drop deck, tandem axle $4,500
18 Ton General Tag-Along w/air, sharp Like New $7,500
9 Ton General Tag-Along $2,950
1979 CMI hyd folding gooseneck 35 ton, like new $20,000
35 ton detachable, sharp $12,500
26' Alum Dump, Sharp, 54" sides $7,500

TRUCKS
1968 Dodge 10 Ton, 318 engine, like new $7,500
1972 GMC 10 ton w/air, like new $10,500
1979 GMC 10 ton w/air, 6000 miles, Auto $18,500
1970 Ford Dump, 5 ton $3,500
1971 Ford Louieville 2¼ cat., 15' box, truck good $11,500
1974 Dodge, steel body, Det. motor sharp $15,500

RUBBER TIRED PAYLOADERS
Michigan 35 w/353 Det Engine cab, sharp $7500
Hough 30 $6,500
Hough HM w/cab, new motor, good tires ready to go to work $6,500

MISCELLANEOUS
Paver 22PL, like new, 2 yrs old $28,500
(2) Winch to put on truck-tractor Make Offer
Riding Sweeper $950
Air Jackhammer to put on backhoe w/attachs $1,500
Hobart Welder $850

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPRING SPECIALS

NH #425 Loader 60" bucket, 1 only $9975
NH #325 Loader 54" bucket, 1 only $8375
NH #310 Engine Baler w/steel wheels, 2 only $5790
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only $1550
NH #782 Harvester, 1000 RPM's, manual control, 2R head 1 only $9240
NH 472 Haybine, 1 only $4750
NH 474 Haybine, 1 only $5380
NH 456 Mower, 4 only $1750
NH 1495 Haybine, (Demo), Hydrostatic, cab, air, heat $18,500
NH 489 Haybine, 2 only $6285
NH 846 Baler (Demo), 1 only $6625
MH 513 Spreader 11:00x20 tires, 1 only $3150
NH 256 Rubber Rake, 1 only $1620
NH 355 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only $5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only $4995
NH 230 Wagon, 8 rims, standard tongue, 2 only $620
NH #8 Crop Carrier, 234 wagon, roof, 3rd btr. (Demo), 1 only $5395
NH #8 Crop Carrier, 234 wagon, (Demo), 1 only $4310
Oswalt 1830 Ensilmixer, 1 only $8350
Pittsburgh 10' Spring Harrow, 1 only $695
Pittsburgh 10'6" Disk, ¼" blades, 1 only $2600
Pittsburgh 12' Field Cultivator, 1 only $1295
We are also renting a NH# 303 3200 Gallon Tank Spreader.

NEW SPECIAL
NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine
$54,300.00

INTRODUCING
NEW HUTCHFLEX DISKS BY HUTCHMASTER NOW IN STOCK CALL FOR DETAILS

FREE FINANCE ON

- NH Hay Equipment & Harvesting Equipment Till Oct. 1, 1981
- NH Box Spreaders, Skid Steer Loaders & Grinder-Mixers till Sept. 1, 1981

SPERRY NEW HOLLAND

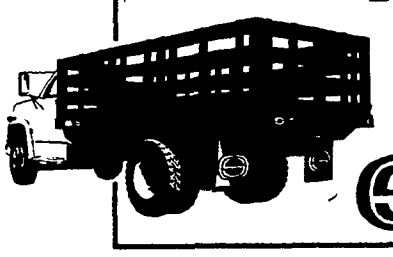
JAMESWAY **OSWALT ENSILMIXER** **DUNHAM**

USED EQUIPMENT

NH 477 Haybine
NH 479 Haybine
NH 512 Spreader
NH 518 Spreader, top beater
NH 268 Baler w/Thrower
NH 273 SS Baler w/54A Thrower
NH Super 69 Baler w/Thrower Ex. Cond.
NH 717 Harvester, 1R C.H. & Pick Head
NH 707 Harvester, w/1R Corn Head
NH 456 Mower w/Motor & Steel Wheels
NH 58 Thrower
NH 259 Rake, Rubber Tooth
NH #23 Blower
JD 9' Cultipacker

DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



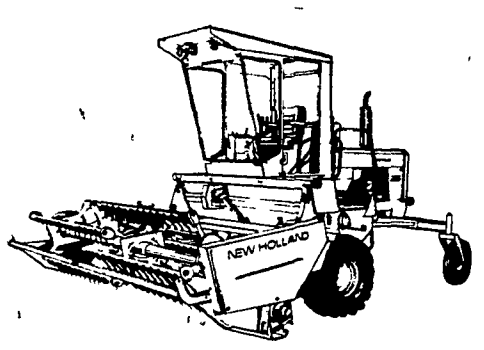
Tough, Dependable Stake Bodies

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

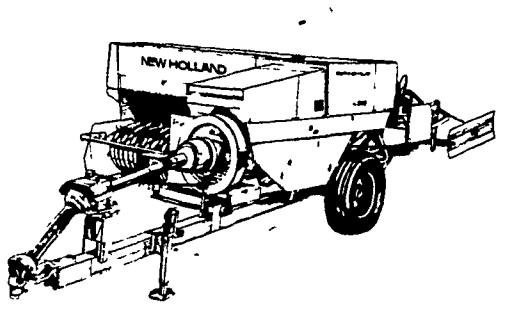
MESSICK FARM EQUIPMENT

Hay in a Big Way!



1495 Haybine® Mower-Conditioner

12 Ft. cut with 9 ft. conditioning rolls for faster drying action



NH 315 Baler

GET A GREAT DEAL ON SPERRY NEW HOLLAND HAY TOOLS!

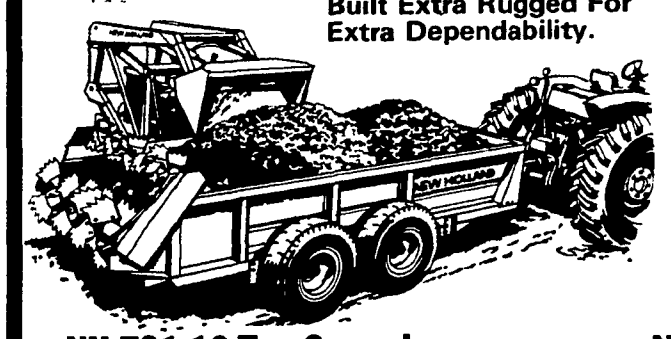
Waiver of Finance on New Holland Hay Tools until Oct. 1, 1981 or Cash Rebates

THE LABOR SAVERS

Just Received New Shipment - Waiver of Finance Until Sept. 1, 1981

THE STRONG-BOXES

Built Extra Rugged For Extra Dependability.



NH 791 10 Ton Spreader

NH L445 Skid Loader

REAL GEMS

- ★ New - IH 10 Flail Chopper ..... $3,567.75 FOB
- ★ NH 1495 Self Propelled 12' Haybine, Cut less Than 100 Acres
- ★ Ford 3600 Tractor with Cab, 1 Year Old, 60 Hours, New Condition
- ★ Gehl Forage Box, Tandem Axle, High Sides, 3 Beaters
- ★ IH Model 1190 Mower-Conditioner, Excellent

GOOD CLEAN USED EQUIPMENT

Farmall C w/Cultivators
Farmall 706 D, 3 Pt. Hitch
Farmall M Tractor
Ford 3600 w/Cab, New Condition, 60 Hours
IH 284, 6' Rotary Mower, Flotation Tires, Used 26 Hours
Oliver 77 Tractor
IH 154 w/Rotary Mower
(2) Farmall Cab Lowboys w/Rotary Mowers
510 Grain Drill, Ex.
NH 519 Spreader
NH 510 Spreader
NH 362 Tank
NH Super 717 Harv
IH 650 Harv.
NH #8 Wagon Fully Equipped
IH 56 Blower
New Idea Lime Drill
Several Used Cub Cadets
NH #33 Flail Chopper
Twin Rower to Pull 2 Rakes
NH 320 Balers (1 yr. old)
NH 315 Baler w/Thwr
NH 276 Baler w/Thwr
IH 37 Baler w/Thwr
IH 46 Baler
Oliver 520 Baler
MF Baler w/Thur
NI Rake
NH 258 Rakes (1 yr. old)
NH 479 Haybine
NH 490 Haybine 12 ft.
New IH 800 Planter, 6 row, Fully Equipped
Used IH 400, 4 Row, Excellent
Used J.D. 494A, 4 Row
Used J.D. 494A, 4 Row
Rotary Mower, 3 pt. Hitch
Gehl 9 ft. Mower Conditioner
IH 1190 Mower Conditioner
1495 Self Propelled Haybine
Oliver 3 Bottom Plow
IH 400 Planter, 4 Row
IH 531 Plow
Athens 13' Disc Harrow, Excell. Cond.
Ford 8' 3 pt. Disk Harrow
IH 37 Disc Harrow

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762

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case

USED EQUIPMENT

Case 1816 Skid Loader, Like New
NH 512 Spreader, real nice
NH 510 Spreader w/end gate $695
NH 518 Spreader w/end gate, real nice
NH 790 Spreader
NH 276 Hay Baler, Nice
2-NH #275 Balers w/throwers, good shape
NH 273 Baler w/thrower, real good
NH 1010 Auto Bale Loading Wagon
NH 469, 477 & 479 Haybines

Paul Shover's Inc.

35 E. Willow Street
Carlisle, PA
717-243-2686

SALE of USED EQUIP.

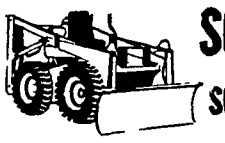
	Stock #
4400 Gehl Skid Loader	1348
5000 Diesel New Engine	1352
9' Mower Conditioner	1300
Gehl Skid Loader	1483
850 Ford Tractor	1491
4500 Ford TLB	1507
NAA Ford Jubilee	1544
T020 Ferguson	1572
3000 Ford Diesel	1606
4000 SU w/loader	1608
5000 Ford w/turbo	
8000 Ford Diesel	1612
250 Ford Baler	1614

7-10-12-14 Hp. FORD, JOHN DEERE, IH LAWN & GARDEN TRACTORS

Ford Tractors Equipment

LANCASTER FORD TRACTOR, INC.

THE HOME OF THE RELIABLES
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Route 283
Phone: 717-569-7063



SCHAEFFERSTOWN EQUIPMENT

SCHAEFFERSTOWN, PA

½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED.

WE BUY USED EQUIPMENT

WE ARE A DEALER FOR CUSTOM TRAILERS

BACKHOE LOADERS

Case 580B 1975 w/cab	$15,500
Case 580B	$11,500
Case 580 Dsl.	$9000
Case Backhoe Loader	$4500
Cabot Hyd Excavator Det. Dsl	$8500
JD 400 Backhoe/Loader w/3 pt PTO, overhauled	$9400
JD 400 Dsl excellent & overhauled	$9000
Ford 4500 w/ROPS	$9500
Ford Backhoe	$5400
Ford Backhoe	$5200

CRAWLER DOZERS

Cat 46A real clean	$42,000
Cat D4 40A Good	$11,500
Cat D7, Hyd. Blade	$7500
Cat D8 2U Cable	$8500
Cat D6, hyd.	$6500
Letourneau pull pan	$1600
JD 350 6-way angle Blade New Undercarriage	$9000
JD 1010 Dsl. w/winch	$5000

CRAWLER LOADERS

(2) IH 175 4 in 1 bucket, clean	$10,500
JD 450B	$16,500
JD 450 Sharp	$12,000
JD 450 w/ROPS, good	$12,000
Cat 955H 60A	$10,000
IH TD6, 4-in-1 bucket, excellent cond.	$8500
IH T340 Dsl. 4-in1 Bucket w/ripper	$7000
Cat 977K w/ripper & cab Good	$24,500
AC HD7G	$6500
AC HD5	$4200
AC HD5	$3450
Case 1150 4-in-1 bucket	$7500

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O.H	$3000

ROLLERS

Fordlane Paver, ex. cond.	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 Ton Roller	$1000
1 to 3 Ton Vibra - Pac	$2800
3 to 5 Ton Tandem	$4500

SKID STEER LOADERS

JD 24	$4800

GRADERS

Huber Wargo Dsl. w/Cab	$5000
Galion 118 Dsl w/cab	$6500

TRAILERS

1979 CMI Folding Hydr. Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S A	$3500
25 Ton Gooseneck Tandem Axle Double Drop	$5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
4 Horse Imperial Deluxe	$2800
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices Call	

TRUCKS

1975 Dodge ¾ ton 4x4 clean	$3500
1974 Doge Tri-Axle Dump Dsl. 175,000 Miles Left on Engine Warranty, good	$17,500
1965 Int. Dump S.A	$3200
1956 White 18' bed S A	$1800
1967 GMC ¾ ton w/utility box	$800
1970 Chevy w/20' bed S A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Tandem Axle Dump	$4250

WHEEL LOADERS

AC TL16 Diesel	$7500
Hough 70, 4x4 3 to 4 yd. good	$14,500
Hough 30, 1 yd. good	$3500

MISCELLANEOUS

MF 180 Tractor	$5250
Ford Corn Planter 2 Row 3 pt. Ex.	$450
16' Dump Box excellent	$265[illegible]
5 ft. Rotary Cutter	$46[illegible]
Pavement Breaker 90 lb	$350
3 pt Landscape Box	$375
Assorted Loader Buckets	
6 ft. Angle Scraper Blade 3 pt	$175
16 h.p. Bolens Riding Tractor w/mower excellent	$1850
Myers Snow [illegible] Electri[illegible]aulic/Angle	$1000
17' Dico Bi[illegible] loader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

FARM EQUIPMENT

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone: 717-786-2252

FARM EQUIPMENT

HI-PRESSURE
HYPRO PUMP
Build your own washer with a Hypro 0 to 1200 PSI pump. Pumps, nozzles, hand guns.
EECO, INC.
Harrisburg, Pa.
17110
717-238-9423

FARM EQUIPMENT

AC D19 Dsl Tractor
AC 7000 Tractor
NI 290 mow/ditioner
AC 12' Spring Tooth Harrow
NI 213 Spreader
12' EZEE-FLOW Fert Spreader
AC 150 Farm Loader to fit AC D15 Tractor

ROY H. BUCH INC.
Ephrata
717-859-2441

NEW NEW HOLLAND EQUIPMENT

	List	Sale
(2) 489 haybines, 9'	$8301	$5800
472 haybine, 7'	$6101	$4450
(2) 474 haybines, 7'	$7048	$5295
(4) 132 elevators, 17'	$443	$345
(8) 8' sections	$131	$109
718 12 knife harvester	$6654	$5200
2-row crop head, narrow row		$1500
Pickup head		$925
230 wagon	$812	$650
(2) 234 wagons	$970	$750
213 spreader		$1995
Century sprayer w/125 gal. plastic tank, 12 row, sulky, 6 roller pump		$900

LAKE ARIEL HARDWARE & SUPPLY CO., INC.
Lake Ariel, Pa.
717-698-5601

SPECIALS ON SPERRY NEW HOLLAND EQUIPMENT

1 - NH Model 892 (Demo) w/new factory warranty Forage Harvester complete with long tongue, electric controls, 880 windrow pickup and 822 corn head. $10,500

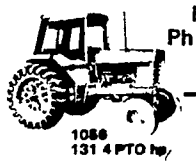
1 - NH Model 30 Blower (Demo) w/new factory warranty $1600.

1 - NH #8 Crop Carrier (Demo) w/new factory warranty w/extension sides and roof and NH Model 238 wagon w/12.5L tires $5500.

1 - New NH TR70 Hydrostatic Combine with 13 ft. grain table. Call for special low price and get $2500 rebate from Sperry New Holland in May only.

S.G. LEWIS & SON, INC.
R.D. 2 Box 66
West Grove, PA
215-869-2214

M & R EQUIPMENT, INC.
New Park, PA
4 Mi. E. of Stewartstown, PA
Ph: 717-993-2511
Red Lion, York, Brogue, Loganville
Ph 246-1972 Residence 301-452-8693 after 6 P.M.


1086
131 4 PTO hp

986
105 6 PTO hp

TILLAGE SALE!

YOU CAN'T BEAT THESE PRICES!

IH 475 disc, 7½" SOLD spacing, 22" blades, hyd. cyl. & hoses, 17' 5" wing type, **$6800!** IH 720 plow 5 x 20", auto. reset, trash plates, **$6400!** IH 720 plow 5x18" auto. reset, hillside hitch, steel trash plates, **$6400!** IH 510 plow, 3 btm. SOLD mi-mtd., **$2550!**

ALL OF THIS EQUIPMENT IS COMPLETELY NEW, NOT DEMONSTRATED
WAIVER OF FINANCE UNTIL 9-1-81 ON ALL TILLAGE EQUIPMENT

ANNOUNCING AN UNBEATABLE SALES PROGRAM FROM IH!

RED POWER BUYER'S CHOICE

REBATES & AWARDS ON ALL IH TRACTORS
INTERESTED ? ?

NOW YOU CAN BUY A 1086 TRACTOR DEMONSTRATOR THAT USUALLY LISTS FOR **$40,403** FOR $29,700 + GET $3000 CASH BACK FROM IH FOR A NET COST OF **$26,700!** TRACTOR IS EQUIPPED WITH AM-FM RADIO, DIFF LOCK, 20.8x38 8 PLY REAR TIRES, 2 SETS REAR WTS.

— OR —

RECEIVE $4500 IN "IH RED POWER" DOLLARS REDEEMABLE FOR ANY IH MERCHANDISE OR EQUIPMENT.

ALSO YOU CAN BUY

A 3388 2+2 TRACTOR EQUIPPED WITH 18.4 x 38 8 PLY TIRES FOR **$38,500** (LIST **$49,080**) AND GET **$5000** IN CASH BACK FROM IH OR **$7000** IN IH "RED POWER" DOLLARS

NEW TRACTORS & COMBINES IN STOCK

1420 Combine
1440 Combine
1460 combine — priced right
All Combines Finance & Warranty Waiver Until 9-1-81
(2) 986 Farmalls-new models-cab, air, diff lock, old price
(2) 1086 Farmalls - 1 old code, 1 new code, cab, air, diff lock
3388, fully equipped
(2) 686 Farmalls
(2) 484 Utility
84 hydro row crop
584 row crop

USED SKID LOADERS
- IH 4130, Rebuilt, new tires
- Bobcat 610

USED EQUIPMENT

JD 13x7 FBB Grain Drill, Exc Cond.
IH 990 Mower Conditioner, 7'
IH 7' 990 Mower Conditioner
NH 469 Haybine
Many used reconditioned cadets
IH 105 cub cadet w/hydrostatic, snow blade, mower, nice
Moline drill, 16x7, combination, nice
990 Mow-Cond, nice
470 wing disc 17'
Oliver 18' wing disc
IH 470 12' disc
JD 14' rotary mower
IH 56 blower, nice
Many used John Deere Harrows
NH Super 717 1 row corn hd, hay pick-up
F656 diesel hydro
JD 2510 gas tractor
B 414 diesel, 3 pt, overhauled, nice
NI 213 spreader, new web
Super C w/cultivators, belt pulley
IH 2400A tractor w/6 way blade, ideal for snow removal
IH 4-Row cyclo no-till planter, nice
IH 449 planter, 4-row, nice, good cond
IH 56 planter, 4 SOLD disc, gandys, 4-row wid[illegible] cond.
MF 4-row planters, 50 acres
JD 34 harvester, 1 row head
234 picker (nice)

BIG REBATES

Effective May 11 to July 31, 1981...

TRACTOR MODELS	IH RED* POWER $	CASH REBATES
986 1086	4 500	3 000
1486 1586	6 000	4 000
3388 3786 3588	7 500	5 000
4388 4788 4588	10 000	7 000

COMBINES Or Choice Waiver to 9-1 81		
1440 1460 1480	5 000	3 500

IMPLEMENTS	IH RED* POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

TRACTOR SPECIALS...

IH 1086 Diesel, Cab & Air, 24 5x32 10-Ply Tires Fully Equipped With SOLD & Rear Weights, Rental Unit, 416 Hours, Current List $42,750 SALE **$26,470**

IH 1086 Diesel, Cab & Air, 24 5x32 Radials Fully Equipped With Front & Rear Weights, Current List $43,383 84 SALE ~~$32,500~~

• With $3,000 Rebate. .Your Cost .. .. **$29,500!**

IH 186 Diesel Hydro, Cab & Air 18 4x38 Radials, Fully Equipped With Front & Rear Weights, List $40,937 SALE **$31,750**

86 Diesel Hydro, With ROPS, 2nd Valve, Current List $24,687 SALE **$19,900**

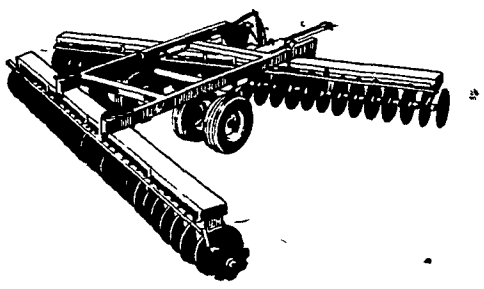
SPECIAL...
Preferred Customer Rebate on 1420 Combine
$7,000
Call For Details

- 4586 Diesel, 4 Wheel Drive - Old Price!
- 3788 Diesel 2+2
- 986 Diesel • 584, 684 Tractors

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981

TILLAGE:

735 Vari-Width Plow, 5 & 6 Bottom
730 Vari-Width Plow, 4 & 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. Reset
420 2-ESOLD Plow
596 Disc Harrow, 22'5" (13,500 lbs.)
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price!
415 Packer Mulcher, 13', 12' & 10'
6013 13' Consertill
5513 13' 3 Pt. Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult, 12' to 21' Folding



PLANTING EQUIPMENT:

5100 Grain Drill, 24x6 with Ga. Wheels
800 Early Riser Planters, 4-Row Plate & Air
183 4-Row Wide Vibra Shank Cultivator
183 6-Row Narrow Vibra Shank Cultivator

Early Riser Planters

Faster, earlier planting... early rising crops.

SPRAYING EQUIPMENT:

400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd. Brakes - $3525!

MISCELLANEOUS:

(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

IH PARTSMART

WATCH FOR OUR SPECIAL PARTS SALES!

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545

INTERNATIONAL® AGRICULTURAL EQUIPMENT

We're An "XL" Dealer!

Ph: (215) 367-2169
Summer Hours:
Daily 7-5; Fri. 7-9
Sat. 7-4

ECHO®

The Lightweight Heavyweights
WEED & GRASS TRIMMERS

Model
SRM-302ADX

ECHO'S premium straight-shaft cutter features an integrated fuel tank and muffler. An efficient anti-vibration mounting system enhances operator comfort and control.

- Integrated fuel tank and muffler for compactness and balance
- Anti-vibration mountings and handle-bar grip for added control and comfort
- Powerful 30 cc Echo two-stroke engine
- Weighs only 15 lbs.
- Includes 2 blades, shoulder harness and guard
- 12-MONTH LIMITED WARRANTY*

List Price $349.95
SALE
$319.95

FREE
1 Pound Roll Replacement Trimmer Line
With The Purchase Of Any New Echo or Weed-Eater Trimmer.
$12.95 Value

Model
SRM - 200

You won't find a better trimmer value than this one:

- Echo's lowest-priced, straight-shaft trimmer
- Sealed gear-box and 21 cc. engine power
- Heavy-duty .080" nylon cutting head
- Shoulder strap and guard
- 12-MONTH LIMITED WARRANTY*

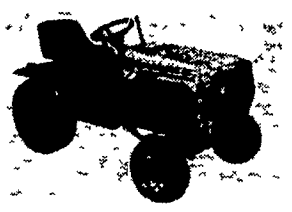
List Price $219.95
SALE
$199.95

NEW BRILLION FARM EQUIPMENT

LGS-120 - 10' Cultipacker..... $1000
LGS-160 - 13'4" Cultipacker..... $1450
LFMS-132 11' Sprocket Packer... $1150
MD-148 - 12'4" Pulvimulcher..... $3900
MD-164 - 13'8" Pulvimulcher..... $4300

NEW & USED WHITE FARM EQUIPMENT

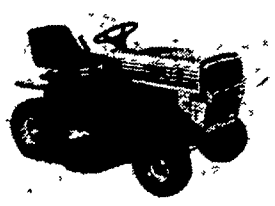
New White 543 4 Row Corn Planter, Granular Fertilizer & Insecticide..... Our Price $4900
New White 5100 Planter 4 Row Granular Fertilizer & Insecticide No-Till, Monitor... Our Price $7200
New White 508 Plow, Semi-Mtd. 4 btm. 18" Spring Auto. Reset w/Gauge Wheel & Cylinder..... Our Price $5250
New White 255 Disc Harrow, 10'4", 32-7 Gauge Blades..... Our Price $3500
Used White 251 Disc Harrow 9'3" 28-9 Gauge Blades, Like New..... $2500
Used White 5400 6 Row Air Corn Planter, Granular Fertilizer & Insecticide, No-Till, Deluxe Monitor, Gauge Wheels, Used 1 Season For approx. 300 acres, like new..... $8000



WHITE GT-1622 YARD BOSS GARDEN TRACTOR WITH 50" MOWER

Twin cylinder 16 horsepower • 16 speed, shift-on-the-go gear drive • Case aluminum grill • Fully enclosed engine • "QD" Quick Detach system • Counter balanced hand lift • 23" rear tires • Electronic "Service Alert" Monitor • Headlights • Taillights

List $3238
OUR PRICE
$2595



NEW WHITE LGT-1100 GARDEN TRACTOR WITH 38" MOWER

11 H P Briggs Engine • Five-speed transaxle gear drive • Electric start.

List $1795
OUR PRICE
$1595

WHITE
Outdoor Products

USED OLIVER TRACTOR PARTS

NOTE: We Have A Good Selection Of Used Oliver Tractor Parts For The Following Models. 55, 66, 77, 88, 1600 Call and Check With Us.
We Will Ship UPS

1 - 155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - .020 Mains, Fits - 16550, 1750G, 1755G, 1800G
1 - K-119D Reconditioned Crankshaft with NEW Bearings, .010 Rods - .010 Mains, Fits - Super 88 & 880 Gas or Diesel
1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
1 - 166-425A Reconditioned Engine Block, Fits - 1655D
1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
1 - Rebuilt 55 Gas Engine, Complete
1 - 770 Gas Engine, 1100 Hours, Complete

THE Sharp Ideas COME FROM WOODS

3 Pt. Rear Mounted Lawn Mowers. 4 ft., 5 ft. & 6 ft. Models In Stock.
NOTE: We stock a large inventory of Woods Mower Replacement Parts

USED MASSEY FERGUSON

65 Gas, PS, FF
With Multi Power, Excellent Cond.
$2750.00

USED OLIVER TRACTORS

- 55 Gas - 3 pt.
- 550 Gas - P.S. 3 pt.
- 1600 Gas - W.F. 3 pt.
- 1800 Gas - W.F. 3 pt.

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

9½ ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
10 ft Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
14 ft. Platform (Treadplate Steel Floor) with 40" Steel grainsides & 26" Cattle Racks
14 ft H.D Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
15 ft. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
16 ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
16 ft. Platform (Treadplate Steel Floor) with 40" Steel Grainsides & 26" Cattle Racks
18 ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
18 ft. H.D. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks

USED BOLENS 1254,
12 hp. Gear Drive with 42" Rotary Mower, Excellent Condition
$1395

USED TRUCK BODY

Reading 18½ ft. Platform Diamond Plate Steel Over Wood with 42" Steel Stake Racks, Like New, 2 yrs. old.
$1600

FOX MODEL SPF SELF PROPELLED HARVESTER

With 2 Row Wide Cornhead, Gas Engine, Excellent Condition

25 NEW HARSH TRUCK HOISTS — Now In Stock

USED 12½ TRUCK GRAIN BODY

Steel Floor with 40" wood sides with New Harsh 8 Ton Hoist, 2 cyl.
$2000.00 (Installation & PTO Extra Charge)

Bolens 8648 4 hp Power Propelled

Bolens makes short work of it.

THIS BOLENS MULCHING MOWER IS A BAGGER, TOO

Mulching is the best way to treat your grass and cut the work of lawn care But sometimes you might want to save the clippings, too Just remove the discharge door and clip on the optional grass-catcher • Plus 4 hp easy start engine • Full 22" cut • Console controls • Power Propelled • 7 cutting heights • Fix or float handles • and more

List $399 95
SPECIAL
$349.95

YOUR FARM EQUIPMENT CENTER FOR:
WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - OMAHA STANDARD - HARSH

FARMERSVILLE EQUIPMENT INC.

RD 4, Ephrata, PA
717-354-4271

HOURS: Mon., Tues., wed. & Fri. 7:30 AM to 5:30 PM;
Thurs. to 9 PM; Sat. till 3 PM

FARM EQUIPMENT

RINGTOWN FARM EQUIPMENT, INC.

SPERRY NEW HOLLAND

RD 1, Ringtown, PA
717-889-3184

SPRING BUYER SPECIALS

NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit
NH L445 skid steer loader, demo unit
NH 256 rake

FREE FINANCE ON:

NH Hay Equipment till Oct. 1, 1981
NH Box Spreaders, Grinder Mixers & SKID STEER LOADERS till Sept. 1, 1981

USED EQUIPMENT

NH 479 mower cond
NH 7' sickle bar mower, mtd.
1500 Schwartz loader, 4420 lbs
Oliver grain drill
Myers 500 gal row crop sprayer
Haines 2-row stone picker
Howard rototiller, 100"
12' bulk body
Holland 4-row transplanter
Holland 2-row transplanter
IH 2001 manure loader
IH 710 4 btm. plow, auto. reset
IH 12' Vibra Shank
IH 4 btm plow, semi-mt
IH 3 btm plow, fast hitch
856 D
806 D
656 G
3414 tractor loader
Super A
Farmall 450
Farmall M
1650 Oliver, gas

COMING SOON-GRAND OPENING SALE IN OUR NEW BUILDING

FARM EQUIPMENT

JOHN DEERE

NEW

JD 5460 Diesel Harvester w/air cond., power rear wheels, 7' pickup, 3 row corn head with new style power mizer cutter head
Reg $80,892
SPECIAL
$72,892

USED

4400 DIESEL COMBINE 1100 hrs., 15' grain platform, 4 row Corn Head, excellent condition, $35,000
2420 DIESEL WINDROWER, New w/230 Auger Platform, $23,000-Special

SMITH IMPLEMENTS, INC.

Mercersburg, Pa.
17236
717-328-2244

FARM EQUIPMENT

FARM EQUIPMENT

SPECIAL OF THE WEEK

(Demo)
3000 GAL. LIQUID MANURE TANK SPREADERS
Call Us For A Price

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.

573 Willow Rd. Lancaster, Pa
Ph: 717-299-2536

NEW IH SPECIALS

	Sale	Less Red Power $ Rebate
720 harvester w/hay pickup	$6922	$5602
425 baler	$4452	$3727
1300 7' mower	$1550	$1350
35 hyd. rake	$1865	$1665
1190 mower cond., 9'	$6200	$5475

NEW EQUIPMENT:

510 4 bottom plow	$3047
9' Mulcher attachment	$460
Cyclo planter attachments:	
Posidepth	
6-row dry & 4 row liq. fert. covering discs	
4 whl. attachment	In Stock
800 Early Riser plate planter	In Stock
200 2-row cultivator	$950

USED EQUIPMENT:

JD roller harrow	$1075
Ford 740 tractor w/loader	$1975
706 diesel, overhauled & reconditioned	$7800
504 gas tractor	$3800
JD 4020 tractor	$11,800
IH 710 7x18" plow, on the land hitch	$5500
IH 470 disc, 17' folding	$4000
IH 4x14 trail plow	$375
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
56 blower	$830
Gehl FB88 forage blower	$575
IH 990 9' mower cond.	$2250
IH 225 10' hay swather	$3650
Pincor alternator with trailer	$1495
(1) bale wagon	$495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$17,500
Brillion cultipacker, 10'	$475
Gehl 72 flail chopper	$1250
IH 2A hay crusher	$95

INCH EQUIPMENT CO.

Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147

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• U.P.S Service Available

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IN STOCK! Ready For Immediate Delivery...

DE LAVAL CHALLENGER FEEDER!

★ We Service DeLaval Equipment In Berks, Montgomery, Chester & Bucks Counties...If you have any problems, call us and ask for:

BART ZEIGLER
26 Years Experience With DeLaval Co.

See Us For...

- Dairy Parlor & Pipeline
- Jamesway Barn Equipment
- Starline Spreaders
- Norton Transflow Panel Systems - Complete Paneling Systems For Walls And Ceilings
- Uebler Feeding Machines
- Dairymate Dairy Products
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- Oswalt TMR Mixing Boxes

ORDER NOW...SAVE BIG!
• Madison Silos - Call For Price on New 15' Grain-o-Matic Silo...Just Right For The Small Dairyman.
EARLY-ORDER DISCOUNTS AVAILABLE

USED SURGE PAIL UNITS & VAC. PUMPS
Call For Prices!

JAMESWAY

We're The Top Jamesway Ventilation Dealer In The East...

• See Us For Winter Ventilation And Fans In Stock

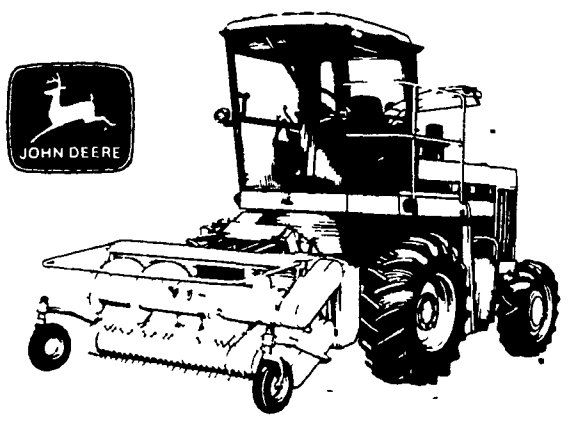
Our Route Truck Is On The Road...
Call If We've Missed You!

ERB & HENRY EQUIP. INC.

New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

JOHN DEERE

FORAGE HARVESTER DEMONSTRATION



Field test John Deere harvesters with exclusive segmented knife Dura-Drum™ cutterheads that deliver uniform, tight-packing silage.

See how much simpler John Deere makes it to adjust the stationary knife, to replace damaged knife sections, and to sharpen the knives.

Pick up literature on two pull-type models, two self-propelleds . . . and get your questions answered by our forage harvester specialists.

Tuesday, May 26

Rain Date Wednesday
1:00 P.M. - ?

Dairy farm of Mr. William Parry, take Rt. 896 to Homerville, if headed north turn right to 2nd farm on right, follow signs to demonstration.

OXFORD GREENLINE

RD1, Oxford, PA
215-932-2753
215-932-2754

JOHN DEERE

John Deere design, dependability and dealers make the difference

New Summer Hours
7 am-6 pm daily Monday-Friday

DISC'S

Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset. . . . $4000
Wilbeck Offset . $4500
Bush-Hog w/wings new. $6700
(2) Int Cubs - Rebuilt $600
(2) JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(3) IH 44 Blade - Rebuilt $1800 - $2000
IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
White 32 Blade - Rebuilt $1800
(2) Cub - Used . $400
JD 28 Blade - Wheel - Rebuilt $1700
Oliver 36 Blade Wheel $1500
(16) 6'6" 3 pt. - New $495

NI UNI SYSTEMS

702 Tractor
(2) 701 Tractor
727 Husking Bed
(4) 2x40 Cornhead
(6) 3x30 Cornhead
(3) Combine
(2) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

HARVESTER HEADS

(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
(3) NH 717 2x30
(2)NH 717 PU
NH 880 Sickle
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(7) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

CULTIVATORS

(2) MH 1X
MH 2X
(2) JD 1X
(4) JD 2X
(2) JD 4X
(13) IH 1X
(4) IH 2X
(2) IH 4X
(5) AC 1X
(5) AC 2X
Ford 2X

WENGER'S INC.

TRACTOR WHOLESALERS

S. Race St., Myerstown, PA 17067

Days: 717-866-2135
Nights: 717-866-7147
Nights: 717-866-7147
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TRACTOR WHOLESALERS

LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

PHONE:
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NIGHTS: 717-866-7147
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ON STOCK: 1000 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS - Best Selection Anywhere!

REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

150 HORSEPOWER CLASS
Farmall 1466 - Cab $15,000
Case 1470 - Cab - 4WD* $13,900
Oliver 2655 - 4WD - 18.4x38*. . . $10,750
Case 1370 . $11,000

130 HORSEPOWER CLASS
Farmall 1086 - 4 Post - 18.4x38..... $14,900
JD 4430 - Cab - Air - Quad $17,500
JD 5020 - Cab - 18.4x38 Factory Duals $8900
MF 1155..... $9500
MF 1150. .. . $7500
AC 220 ..... $6900
Oliver 2050 ... $6900

120 HORSEPOWER CLASS
(2) Farmall 1066 - Cab - Air $10,900
. . . . . $12,900
JD 4320 .... $11,500

90-110 HORSEPOWER CLASS
Farmall 806 Diesel $4800
Case 1030 .... $5000
JD 4020 Diesel - Powershift $7900
MF 1105 - Duals $8750
Oliver 1950 ... $7000
Oliver 1950 - T Mechanical 4WD $7500
Oliver 1850 - Hyd 4WD $7800
AC 190XT ... $4800
Oliver 1855 - Cab - Clean..... $10,000

70-90 HORSEPOWER CLASS
(2) Farmall 706 Gas - WF $3700
(3) Farmall 706 Diesel . . $4500-$6000
Farmall 706 German Diesel $7500
Case 930 Standard $2800
Ford 7000 - Cab - Air - Dual Power.... $7900
(2) JD 820 PTO - Hyd..... $3000
JD 3020D - WF - Snycro $6900
MF 1085 - Cab - Air..... $8750
Oliver 1800D - 4WD Mechanical* ... $8000
Case 930 CK - As Is..... $3500

50-70 HORSEPOWER CLASS
Farmall 560D . . $4800
Farmall 450G . . $1500
Int 674 D w/New Loader $8900
Farmall 656D - Hydro $6350
(2) Case 830 CK - WF - 3 Pt..... $4900
Ford 5200 - 10 Speed $4950
JD 730 D - No PTO - WF $2000
JD 730 G - WF . $2500
(2) JD 70 - Gas & Diesel $1500
MF 265 ..... $7750
MF 175 ..... $4850
Long 610 - 4WD - New..... $10,900
Long 560 - 4WD - New $8900
Long 560 - 4WD $5000
Oliver 770D . . $1500
AC 170 . . ... $5700

UNDER 50 HORSEPOWER CLASS
Int 2404 w/Sickle Mower $6000
(2) Farmall Cub w/Cult . . $1750-$2850
Farmall Super A $1500
(2) Farmall H ..... $750-$950
(2) Farmall Super C..... $1200-$1600
Farmal 300.... $1250
(2) Ford 4000 D..... $2250-$3500
(2) Ford 9N $1250 & up
JD MT..... $1650
MF T030..... $1250
Long 310DT - 4WD - New $7950
Long 310C - New $6750
Long 310 - New $6000
Long 360 - New $7300
ACD12 ..... $2000
AC C w/Rotary Mower $1500
AC G..... ... $1500
(2) AC B. . $800-$1200
IH B275D $1800
Ford NAA . . $2850

CORNSHELLERS
(2) JD 43 PTO. . $700
MM D PTO $375
(3) NI Grinder for Mtd ..... $350-$750
(5) NI Shellers for Pull & Mtd ... $300-$1000
(6) IH 234 Shellers & 12 Roll Beds ..... $350-$950

DRILLS
Ontario 14 D Disc... ..... $195
Int 13 S Disc.... $900
Int 17 S Disc... $1800
Int 18 D Disc... $2000

COMBINES
Gleaner CII w/Grain..... $3500
(3) JD 40's From $1200
JD 45 ..... $1500
IH 203..... $2000
IH 715..... $10,000
MF 300 Qt $9500

FLAIL CHOPPERS
JD 16A $1500
NH 36 .. ... . $2000
MC $695
IH #5... 895
AC 56F $395

(14) CARS & PICKUPS

CRAWLER LOADERS
Cat 941 ..... $16,500
Cat 933 ..... $8750
Cat 933 Swamp $8750
(2) JD 350 .... $8800
JD 450B w/9300 Hoe. . $14,900
JD 2010 w/4 in 1 bucket $6000
Case 310 ..... $4500
Int 340 Loader & Backhoe $5000
Cat 955H - $9500

TRAILERS
1969 Great Dane 35 ton detachable . . $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton ..... $1600-$1700
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
New HTRB18 18 ton $5875
(4) New 2 Axle Trailers..... $1250
1976 Gooseneck 3 axle w/tilt top . $5000

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab.. .... $17,500
(2) JD 310 . $11,500 & $10,500
Ware Hoe Attach. $2750
Case 580B w/Cab..... .. $9500
Case Hoe Attach. $2500
JD 9300 Hoe Attach . . . $5500
IH Hoe Attach. $2250

CULTIPACKERS
Brillion 9' $175
Dunham 12' $595
(3) 16' packers.. $795-$1250
Brillion 12' Mulcher $1675
Dunham 16' Mulcher..... $2275

HARVESTERS
NH 717 - 2x30 - PU..... $2500
AC 720 - 2x30 - PU..... $1750
IH 650 - 2x30 - PU..... $2000
JD 34 - 1X - PU . $1650
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $750

MISC. CONSTRUCTION
Int TD9 Winch. . . $500
Davis DH5 trencher New Diesel . . $14,500
JD 420 winch . . . $600
New winch $1000
(6) Sweeper attach. From..... $95
(40) Used hoe buckets . . . From $150
(25) Loader buckets .... From $95
New landscape boxes .... From $425
(4) Set forklift forks ..... From $300
Sheepsfoot Roller $1750
Cat D2 Winch . . . $400
JD 1010 Winch. . $250
Air Compressor (Garage Type) - Like New 5 HP $1750
4 Cyl Detroit Diesel Powerunit..... $3250
Mich 35 4WD Loader $8500
Hough 50C 4WD Loader $7000
Franklin 133B Pack-N-Back Skidder..... $7750
Huber Maintainer $2500

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw . . . $8000
1968 F Mack Sleeper screw. . $2800
1976 Ford 7000 Louisville single $9950
(2) 1974 Ford Louisville single $9500
Int Emoryville. . $1700

CORNPLANTERS
(2) IH 6X Air - Liquid $2500
(2) JD 290 Pull . $595
Ford 4X w/Gandy . .. $1000
(2) 2x3 pts. . $395
Ford 2x3 pt... . $600

CHISEL PLOWS
Athens 13' pull $1575
Glenco 9' Soilsaver $3400
(8) Field Cult. - .. . . From $795

CABS
New All Season For 930 & 1030.... $1700
New FV For IH Combines..... $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF..... $2000
Used For JD 45 Combine.... $600
Used For IH 203 Combine..... $800
Used For NI Uni System $900

LARGE CONSIGNMENT AUCTION
MONDAY JUNE 8, 1981
10:00 A.M.

CORNPICKERS
NI 12 Roll Mtd. (319)..... $3500
NI 12 Roll Mtd. (305)..... $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) $1350
Oliver #5 1 Row . $395
NI #10..... $895

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S. New Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R.-New 26' Jerr-Dan Rollback Heavy Duty . . $21,750
1969 INT w/24' Rollback - Nice . $8500
1968 Int. Diesel - 24' $8500

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

PLOWS
AC 2X Rollover - SC..... $300
White 6x18 Reset $5000
(2) JD 5x16 semi mtd ..... $900-$1350
JD 5x16 Pull.... $975
(40) 1X to fit small tractors
JD 1450 6x16. . $2150
JD 1450 6x16. . $2950
JD 1450 6x18. . $3350
IH 720 5x20 Reset $5000
White 348 3x16 Reset $1850
(3) JD 2600 4x Reset New $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset . . $6000
1x, 2x & 3x Rollover Plows on Stock
1x-2x pulls on stock Lot of 3x and Smaller Plows

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel ... $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel ... $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent. $4500

FORKLIFTS
Ford 30' Diesel $12,500
JD 2010 . . . . $5950
Int 340 .... . . $4950
Yale 3000 Lb . . $3950

5 FOOT 3 PT. ROTARY MOWERS $495.00

HAYING TOOLS
JD 336 Baler w/Kicker $3900
Chopper Attach For Baler $475
NH PTO Thrower $275
(2) Elevators.... $695
Case 950 SP Windrower $595
(3) NH 479 Haybine $2500-$3600
(2) NI Cut-Dutioners ..... $1200-$1800
Gehl Haybine . . $1250
Hesston 10 Stacker - Nice $3000
NH 850 Round Baler..... $4500
JD Stack Mover $1850
(2) Hesston 10W Mover..... $750
(2) NH 56 Rake.... $1150-$850
NI Rake..... $595
AC Rake $795

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

NEW MACHINERY SPECIALS

4' 3 Pt. Rotary Mower	$485
4' Pull Rotary Mower	$675
5' 3 Pt. Rotary Mower	$495
5' Pull Rotary Mower	$695
6' 3 Pt. Rotary Mower	$695
6' Pull Rotary Mower	$795
5' Free Stall Scrapers	$450
6' Free Stall Scrapers	$475
Landscape Boxes - Same As Above	
3 Pt. Boom Poles	$60
7' 3 Pt. Peg Harrow	$395
10' 3 Pt. Peg Harrow	$495
14' 3 Pt. Peg Harrow	$595
3 Pt. Fertilizer Spreaders	$395
6' 3 Pt. Landscape Rakes	$495
1 Row 3 Pt. Marker	$175
2 Row 3 Pt. Marker	$265
6' 3 Pt. Blades	$195
7' 3 Pt. Blades	$245
8' 3 Pt. Blades	$285
12" Post Hole Digger	$495
6'6" 3 Pt. Disc	$495
1 Bottom 3 Pt. Plow	$295
2 Bottom 3 Pt. Plow	$450
1200 Bu. Corn Cribs	$795
4'x8' Utility Trailer	$395
3 Pt. Woodsaws	$875
"0" Category Tools 3 Pt. Disc	$295
5 Ton Wagon.	$450
6 Ton Wagon.	$475
8 Ton Wagon w/8" Rims & QL Tongue	$650
10 Ton Wagon w/8" Rims & QL Tongue.	$725
12 Ton Wagon w/10" Rims & QL Tongue.	$925
11 Ton Wagon w/Tandem Axle	$895

DUALS (HUBS EXTRA)

18.4x38 JD Axle	$1500
18.4x34 Axle	$500
16.9x38 Axle	$750
(7) 18.4x38 Axle	$575 - $675 - $750 - $775 - . . . $900 - $975
18.4x38 Factory Axle MF	$1000 . . . $1350 - $1500
15.5x38 Snap On.	$450
18.4x34 Snap On....	$650
18.4x38 Factory Oliver .	$1350
18.4x38 Factory Ford Axle - New	$1800
Lots Of New Duals On Stock	

TARP SALE

	REG.	SALE
5'x5'...	18.95	$ 9.50
5'x7' ..	20.95	10.50
5'x9' .	25 95	13.00
8'x10'...	35.95	18.00
9'x10'...	39.95	20.00
10'x12' .	45.95	$23.00
10'x14' .	55.95	28.00
10'x16' .	65.95	33.00
10'x18' .	79.95	40.00
10'x20' .	99.95	50.00

MISC. MACHINERY

JD 4020 Rollbar & Roof. $475
Long RollBars. . . $300
JD 400 Feed Mill $2500
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Potato Diggers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill $500
Spike Harrows ..... $75 per section
Spring Harrows ..... $75 per section
(2) 1 Row Potato Diggers . . $295-$395
Howard Rotovator . . . $1275
Kools Recutter $975
(2) Lime Drills. . . . $295
(2) Rotary Mowers - Approx. 14' .. $1800-$3500

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1469 NH SP haybine with Ford engine, excellent condition.

IHC #55 Forage Harvester w/pickup & corn head

SHOVER'S
Loysville, PA
717-789-3117

FARM EQUIPMENT

7700 JD combine w/4 row corn head, wide row, 15' grain platform, 1135 hrs.

$39,500

O.D. BARNETT & SONS
RD 3, Boswell, PA
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USED GORMAN-RUPP PUMP

For liquid manure and waste water, pump only or w/gas engine

EECO, INC.
4021 N 6th St
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WHITE Farm Equipment

bobcat

KUBOTA

SPERRY NEW HOLLAND

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TRACTORS
Oliver 1850
Ferguson TO-30
Farmall M

TILLAGE - PLANTING
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
Int. 249A 2-Row Planter

HAYTOOLS
IHC 990 Mower Conditioner
NH 469 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 30 Ft Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2-Row & Pickup
Gehl 300 w/1-Row & Pickup
Lamco 16' Forage Box w/roof

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NI 213 Single Beater
NH 518 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N.H. L425 Loader
N H. 310, 315 Balers
N.H. 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
N.H Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert. Spreader
Bobcat 530, 641 & 743
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Glenco 7' Soil Saver

DUNHAM-BRILLION-LAMCO-BOBCAT-

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Located 14 Miles South Port Royal on Rt. 75

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HI-WAY Cinder Spreaders - All Types

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P.O. Box 217, R.D. #3
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Phone 717-867-4631

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SILOS & UNLOADERS

SILOS & UNLOADERS

PROFESSIONAL SILO REPAIRS
Madison Silos Pro's use Gunite interrior finish on all brands of silos.
We repair or replace roof, pipe etc., too!
Call for free on-the-farm estimates
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Madison Silos
Ephrata, PA
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For Sale Farmall H M&W 2 speed rear and over riding hand clutch, 2 way hyd, good paint, good condition $875, 717 786 4791

For Sale - MF 65 new engine and tires $2000/offer 301 833 9098

SILOS & UNLOADERS

Used 16' Badger ring drive silo unloader, complete, only used 2½ yrs, less motor & winch only $1395 717-272-0871 Marvin J Horst Dairy, 1950 S 5th Ave, Lebanon, Pa

For Sale - GRANGE SILO, new Hydraulic pressed concrete stave, manufactured by Corostone Silo Co, Box 156, South Montrose, Susquehanna Co Pa Write or Call plant 717-278-3045, NY office at Weedsport, NY 315-834-9200, Service Rep for SE PA Ralph Estelle, Manheim, PA 717-665-7105

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The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration

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To the Laidig model 43 unloader, A Chromalloy Co. The sweep arm unloader is designed for unloading high moisture grain including ground ear corn.
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A BEAUTIFUL WHITE WET-CAST STAVE SILO BUILT WITH EXPERIENCED CREWS
All Silo Options Available:
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Free Estimates - Plans, Call
LARRY OR WAYNE 717-299-3721

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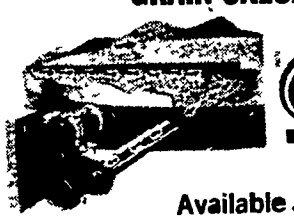
SPECIAL SALE ON LAIDIG JR. GRAIN UNLOADERS



LAIDIG Best name in BOTTOM UNLOADERS

Available June 1, 1981

★ **!!! NEW LAIDIG, JR.** Unloader conversion designed to fit into trough of your gravity flow auger or chain type unloader.

~~$6,840~~ List Price $6,540 Special Price
Cash Terms
This unloader will be installed free if ordered by June 1st.

★ **LAIDIG JR. CONVERSIONS** also available for other bottom unloading silos. This unloader will handle either shelled or ground ear corn. Can be used with a distributor for even distribution and will empty your structure from the bottom.

There has been overwhelming interest in this new conversion model. We have ordered several in advance but you should call us today to reserve one for installation later this summer.

Call or write today and ask to see your Sealstor Sales Representative

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1730 Highway 72 North
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GRAIN EQUIPMENT

GRAIN EQUIPMENT

SILOS & UNLOADERS

Used 20 to 24' 98A Patz silo unloader, less motor & tripod, $1500 717-272-0871 Marvin J Horst Dairy, 1950 S 5th Ave, Lebanon, Pa

Used Harvestore, silos bought and sold, 25x80 with Goliath unloader, 20x50 with Hercules unloader, 717-442 8104

S & S SILO REPAIR COMPANY - Most any kind of silo work, new chutes, new roofs and roof repairs, some extensions, moving silos Also buying some used silos Installing pipes and spreaders 717-768-3052

14 x 45 metal silo, best offer, must be removed Juniata Co 717-535-5815

BUILDINGS & SUPPLIES

CYPRESS LUMBER for sale, A & A Mushroom Supply Co, Rt 7, Avondale, Pa 215 268-3128

FREE - Hockessin, Del area, barn - dismantled and completely removed by April 30, 1981, hand hewn timbers, pegged, boards in fair condition, Call 302-239-7735 Mon-Thurs after 7 p m.

Wanted to Buy - About 150 board ft of dry walnut or cherry lumber. Should be at least 1¼" thick 717-949-3439

For Sale - Pole barn 32x160 to be dismantled and moved, set up for hog finishing, buy all equipment and buildings at liquidation price Call 717-523-1144, 524-4143

Building to be removed, 2 yrs old, 24' x 26' 717-477-5520 after 6 P.M

Anyone Interested - In Sand Stone - 330 ft. of cemetery wall Ph 215-267-2772

FREE - Hockessin, Del. area, barn - dismantled and completely removed by August 30, 1981, hand hewn timbers, pegged, boards in fair condition, Call 302-239-7735 Mon - Thurs. after 7 p m

For Sale - 6 acre tobacco shed in good shape, will dismantle Samuel L Stoltzfus, 3875 Old Phila Pike, Gordonville, PA

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Want to buy - used batch type grain dryer 703-937-1414 weekdays

2 GT 450 grain dryers, excellent condition, $8,000 for both 703-777-5134

USED GRAIN DRYERS
(1) M&W 450 (450 BPH)
(2) M&W 650 (600 BPH)
(1) MC 400E (150 BPH)
All of these dryers in operation condition, and either electric motor or PTO drive.

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• Wet Cast Concrete Staves • Western Redwood Doors • Deluxe Colordome Roof • Hooped for all types of silage • Plastered solid with a smooth finish	• Replaster • Roofs Installed • New Extensions • Used Extensions • Pipes & Distributors permanently installed	• P&D Golden Gobblers • P&D Ring Drive Unloaders • Unloaders rugged, tough & powerful to perform fast at a "flip of a switch" • Sales & Service all Silo parts and equipment

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LOW TEMPERATURE GRAIN DRYING

Our new Hefty Farm Computer System is NOW programmed for Natural Air and Low Temperature Grain Drying, No Guess Work Custom programmming for other farm operations are available including all bookkeeping and records for farm operations.

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GRAIN EQUIPMENT

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★ Free Grain Drying Information

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New & Used - Bins

Elevators - Augers

Turnkey Automated Systems

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JOHN HEFTY SYSTEMS

WATSONTOWN PA

DAIRY EQUIPMENT

500 gal Girton bulk tank, 201-383-2771

For Sale - 180 gal. stainless steel, Unico bulk milk tank with compressor. Very good condition $275.00 Call after 4 P.M. Martinsburg, Pa 814-793-3305

Schlueter milk dumping station with Bender washer, releaser and hose dryer, $400, 717-249-8726

Dairymen We have 24 Surge V50's for sale, used very little & priced to sell!! Ph 607-776-3478

For Sale - DeLaval Challenge feeder with 29 Transpondors, Call Lebanon 717-273-6036

Factory rebuilt 1000 gal milk tank in crate with auto washer, only $4000 less units Good price on new or used units with this tank. Marvin J. Horst Dairy, 1950 S. 5th Ave, Lebanon, Pa. 717-272-0871

DeLaval wash-in-place units for milking parlor, like new condition, 717-[illegible]86 2839

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For Sale - 500 gal. Dari Kool ice bank bulk tank w/compressor. Pipeline & dumping station w/automatic washer Sch. Co 717-943-2401

Farm Markets & Juggers

½ Gallon & Dipping Ice Cream

Premium Quality at Regular Price

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Rear 519 S. Market St.

Elizabethtown, Pa.

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USED BELTING MATERIAL

Good for free stall and stanchion barns

30", 36", 42", 48", 54", 60" wide

Also, 300 cow mats, size 4x6

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Alley Scrapers	Computerized electronic controlled individualized feeding.
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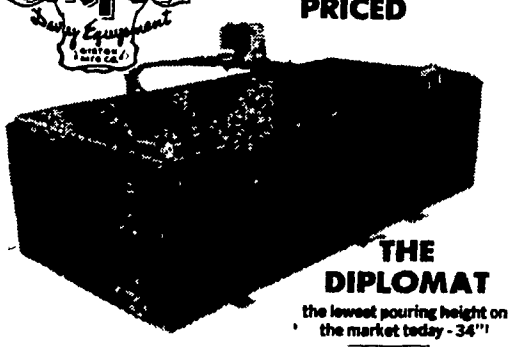

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- 2 - 16' Badger Tandem Forage boxes with roof - 1980 prices
- 1 - Badger vacuum spreader tank - 1500 gal. - new
- 1 - 12' Badger manure pump - used - $1200.00
- 2 - 54" Badger blowers - great price
- 2 - 20' power track Badger unloaders - 1980 price
- 1 - 24' power track Badger unloader - 1980 price
- 1 - Kasten Forage box in good shape - $800.00
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- 1 - New Idea manure pump - used - fair shape - $600.00
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- 1 - Mueller Tank washer - used - great buy - $350.00
- 1 - Top-line Dump station - $300.00
- 1 - 1000 gal. Esco milk tank - $1000.00
- 1 - used Wisconsin 4 cylinder motor - $50.00

We have sattelite and regular challenger feeders in stock for immediate delivery. We can furnish complete farm systems and planning for any job, any size. We have Madison silos - Badger Farmstead, Starline, DeLaval Dairy and feeding systems, Also Onduline roofing and Cannon Ball Track and We are Cecil County's only complete Dairy Store.

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Rising Sun, Md. 21911

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For Sale - Rubber Matting for free stalls, stanchions, horse vans and horse stalls Also saw dust for sale in trailer lots Will deliver & install 301-885-5045

For Sale - Outside calf hutches w/metal roofs & feeders. Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897 717-442 8972

For Sale - Quality Calf hutches, including bucket rack, hay rack and trough. Randy Stoltzfus, Mt Joy 717-653-4448.

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TAPERED BOARD FEEDERS, double chain, wooden conveyors, custom built, since 1965, for cattle and hog feeding systems. Glasbord trough liners, 4x40, cut to length Martin Rissler, Stevens, Pa. 215-267-2244

For Sale - 100 veal calf pens, 2 Vent-o-matic fans, one formula mixer 215-267-5982

Kencove high tensile supplies - fence erection. Max-Ten® wire, KOPPERS, posts, super energizers, fencing tools -- literature up to 15% discount program We have a Dillsburg Distribution Center 412-459-8991 or PA-800-442-6823, 800-245-6902

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Kiln dried, 3.25 cu. ft. bales. Sold by the bale or truckload. You pickup or we deliver.

Morgantown, PA

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DRY WOODSHAVING & SAWDUST

1000 cu. ft. loads

HAROLD B. ZOOK

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Lancaster, Pa. 17602

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COW STALLS AND SUPPLIES

- Water Bowls
- 9x12 Tile, 46¢
- Nylon Neck Straps, $2.50

ETC.

J.L. STALLS

R.D. 1

New Holland, Pa.

John J. Lapp

(KW) Fully Automatic CATTLE HEAD GATE

Now treating cattle is simple and easy Can be adjusted for large or small animals, one man operation

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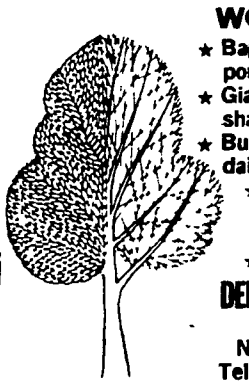

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For Sale - Feeding equipment Special low sales price New 80' - 10" cycling feeder, used 200 bushel Wa-Ro-Matic roller mill & 110' - 16" belt conveyor (demo) 717-354-4051

Put up a good High-Tensile FENCE THIS YEAR and SAVE trouble and money for MANY YEARS. You will enjoy farming more when you have the security of good fences.

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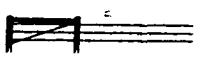
We sell supplies and erect high tensile fences anywhere in the USA. A distribution center is in the Harrisburg area.

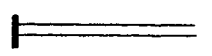
Order Our FREE GUIDE TO HIGH TENSILE FENCES

HIGH-TENSILE FENCES have a number of advantages you should check. Our wire is lower priced, stronger, longer lasting and more attractive than barbed, woven or other fence wire With electric go up to 150 ft. between posts - non-electric go up to 60 ft.



SAVE $$$ WHEN YOU ORDER FROM KENCOVE

We have professionally trained contractors throughout PA, MD & WV. Willing to go anywhere for larger jobs.



We Sell: MAX-TEN 200 Wire, Koppers pressure creosote posts, New Zealand fence supplies, Super-powered electric fences and insulators, Fibermax posts, Post drivers, 12 Volt chain saws and one-man auger diggers.

YOU CAN GET QUALITY PRE-CAST CONCRETE HOG SLATS FROM A LOCAL MANUFACTURER!

- Low Cost - Long Life
- Smooth, Rounded Edges
- Center Beam
- Light Crown
- Uniform Spacing
- Easy Installation
- High Strength Reinforced Construction
- Easy On Animals' Feet
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- Slats Stay Drier
- Easy Cleaning

Available In Gangs of 8, 10 and 12 ft. Lengths

Now Available:

Concrete Troughs for Gestation Houses, Cattle Slats, Cattle Feed Troughs - H&J Bunks

AgriConcrete Products, Inc.

RD #2 Box 147B, Middleburg, Pa. 17842

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LIVESTOCK EQUIPMENT & SUPPLIES

Wood Shavings Are Best!

Processed and Packaged by
Eastern Wood Fibers, Inc
8294 Dorsey Run Rd
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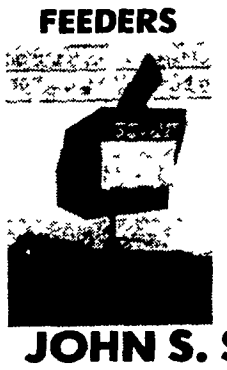
COW STALLS AND SUPPLIES

- Water Bowls
- Tile
- Chain Link Fencing for Around Lagoons.

ETC.
J.L. STALLS
R.D. 1
New Holland, Pa.
John J. Lapp

MINERAL FEEDERS



All wood box, 18"x28" with 16 ga. steel top. 2 compartments, oiler for face flies, heavy all pipe, stand, swivels full 360°

$165.00

JOHN S. STOLTZFUS
325 Beechdale Rd.
Bird-in-Hand, Pa. 17505
First Farm on Beechdale Rd. off Rt. 340

For Sale
SAWDUST & SHAVINGS MIXED
Fresh cut or cured
Bulk loads 12-14 ton dumped or 16-18 ton conveyed.
Call between 6-8 a.m. or 5-9 p.m.

J. Scott Bowersox
RD 1 Liverpool, PA
717-444-3034

CATTLE FEEDERS
$200.00
or $210 delivered w/in 30 mi.
17 hd. capacity.
Suitable for round bales or square bales, grain or silage. 5/8 exterior plywood flooring.
For delivery please call
Claude W. Charles
717-656-9381
AMOS S. STOLTZFUS
Bird-In-Hand, Pa. Box 515
1 mile North of Bird-in-Hand on Beech Dale Road

CATTLE

For Sale - 4 young Hereford, Angus, Simmental cows with calves Also 1 bred heifer 717 444 3466

For Sale - by Owner - 48 dairy cows with DHIA records, 14,856 milk, 3 8 butter fat & 575 fat Young tame herd, $1300 ea Will not split herd 717-362-9574

LIMOUSIN cows for sale, 50% and 75% Some with calves Yearling bulls & heifers Some polled Richard McDonald, Jr 717-532-4298 Shippensburg

LIVESTOCK EQUIPMENT & SUPPLIES

FOR SALE SAWDUST & SHAVINGS
Bags & Bulk
ED VOGT & SON
Medford, NJ
609-654-7489

CATTLE

For Sale 5 purebred, Grade, Holstein heifers, 2 recently fresh, 5 near freshening 215-766 8934

For Sale 25 feeder heifers, Ph 215-287-7878

For Sale - 25 Hereford, Angus, Charolais feeder cattle, 800 lb 65 cents 40-45 lb feeder pigs $27 Fertilizer, seed corn, soybeans, 717-444-3968

Beautiful Holstein Calves, 20-7 months old, vaccinated, wormed, dehorned $525 Call evenings except Mondays and Thursdays 814-894-2755

For Sale - Polled Hereford bull, 13 months old, weighs 1100 lbs, good disposition, halter broke 717-334-1903

Need help to finance herd of 25 or 30 cows Will pay top interest and make payment direct from milk company Send Replies to Box 366 J-171, c/o Lancaster Farming, Lititz, Pa 17543

Charolais Cattle For Sale Shan Gri-La Farm, RD1, Box 12A, Rt 40, Elmer, N J 08318 (609) 358 8507

One Purebred springing Holstein heifer, no papers, Best offer 215 593-5562

For Sale 2 yr old Registered Charolais bull, $1000 Fleetwood, Pa 215-944-8464

Beef cows with calves, cows mostly Angus cross, calves all 50% or higher Limousin, heifers can be registered, 717 766-9812, 766 2954

4 Holstein Heifers, ready to calve Will trade on smaller heifers, 215-593-5665

For Sale - ear corn & feeder steers 717 263 9091

For Sale 40 Holstein heifers just bred, '60 heifers to breed this fall, dehorned, calfhood vaccinated, $500 or sell separate 703 382-3071

For Sle - Herd of 175 ID grade Holstein cows, over 15,000 lb Milk, young herd, well bred, will sell on installment with additional security Please write Box R-55 Lancaster Farming, Lititz, PA 17543

Wanted to Buy - Holstein heifers, any size, any amount 717 865-3488 Lebanon Co

For Sale Registered Polled Hereford Yearling Bulls and Heifers, certified and accredited Herd 215 298-2076

For Sale Service age Holstein bulls, Astronaut Granddam 15,000 to 19,000M, TB and blood test, good for heifers or cows, David S Esh, 25 Spring Rd, Leola, PA 17540

For Sale - 10 mo old Reg Guernsey bull for Brockwell B Atlantic, VG dam has 22,222M 911F 364d 2T 717-896-8422 Dauphin Co

10 Registered Holstein Heifers, bred to and by proven A1 bulls Dam with records to 23,000 lbs due June thru Dec 1-302-655-0558

Service age registered polled Hereford bulls, also spring calving cows and heifers, top bloodlines, farmer prices W Paul Halsey and Son, Harford Co, Pylesville, MD 301-452-8621

For Sale - Simmental cattle, 3 ¾ Simmental cows, 3 ¾ yearling heifers, 2 purebred Simmental cows, all A1 sires, Bradford Co 717-297-3528

For Sale Registered Black Angus Bulls, 2 yearlings, one 4 yr, Marshall breeding, modern kind ready to go Berks Co 215-689-4124 or 689-9168 eves

7 Angus brood cows to calf soon with P B Simmental bull, Parisien blood, Registered Price for 8, $8100 Serious quality buyers only 814 857-7852 after 9 P

CATTLE

Herd of 55 grade and purebred Holsteins, mostly young with good udders, herd average 14,700M 544F 717-382-4435

25 bred Holstein heifers, all due throughout the summer, 215-693-5713

For Sale - Breeding age Registered bulls, some 20,000 dams ,out of popular sires 717-626-4911

For Sale - 2 yr Registered Holstein bull, sire Astronaut, dam 86 pt Elevation, projected 20,433 749, G'dam 89 pt 365 21,210 3 8 831 $800, 609 758-8942 NJ

For Sale - Four 8 month old BWF heifers by large frame registered Angus bulls out of Simmental-Hereford cross cows Calfhood vaccinated and wormed twice $400 00 each Call 717-529-2729

Beef cattle, 17 cows with calves, purebred Simmental bull, open heifers and steers by the head or lb 717-528-8259

For Sale Registered bull, 10 mo old, sired by Cumva Proud Performer Dam EX with 7 records over 20,000m 717-768-3811

For Sale - herd of reg Jersey cows, mostly 1st and 2nd calf with 2 yr old records of over 14,000M actual plus proven sires, also carrying service to plus proven sires Will consider dividing Silver Maple Jersey Farm 301-865-5842

5 Black Angus cows, 4 with 1st yr calf at side, 1 heifer to calf in August, all reg Black Angus 717-755-9625

For Sale 40 Holstein heifers, dehorned, all shots, ready to put out on grass 301 833-3283

FOR SALE - 10 BLACK CROSS-BRED ANGUS-BASE HEIFERS READY TO BREED WORMED, DE LICED, VACCINATED, IBR, BVD, PL3, LEPTO & VIBRIO SHOTS PRICED AT 10 CENTS PER LB. ABOVE MARKET PRICE DAUPHIN CO, PA (717) 944 1346

CATTLE

For Sale - 9 Holstein 1st calf heifers, 6 registered, 3 grade, 7 milking 717-864-3729

For Sale - Registered Holstein bull, ready for heavy service Sired by Bootmaker Dam classified excellent, with records from 22,240m, 3 8%, 860f to 23,978m, 4 0% 952f David E Roth, Jr, Loysville, Pa 17047, 717-789-3219

For Sale - 6 Grade Holstein heifers, close springers 215-488-1322

For Sale - Registered Holstein bulls from top A1 sires, many available to select from Star Rock Farms, John Barley 717-872-4058

For Sale - Beautiful purebred white and red shorthorn breeding bulls and roan heifers Camper on '66 Dodge pickup 64,000 mi (York Co) RD #3 Box 42, Red Lion, Pa 17356

For Sale - 21 Limousin cross cows/with calves at side 2 - 4 yr old Limousin bulls (full blood, ¾) 5 yearling heifers 301-489-4933 after dark

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers Cash, or credit with down payment Specialize in selecting cows for customers Free delivery Call collect Reuben Greenberg, Inc, Columbus, New Jersey 08022 Phone 609-298-1021"

For Sale - Service age Holstein bulls Dams classified VG with records to over 24,000M & 1,000F John Stump, Bernville, Pa Ph 215 488-1965

For Sale - Holstein herd DHIA records, almost 15,000 lbs, some Registered 301-578-9868

Wanted - Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don't sell until you call me Call collect - Reuben Greenberg, Inc, Columbus, NJ 609-298-1021

CATTLE

Wanted - Herd of dairy cows or heifers, 301 358-0412

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717 626 1164

Registered Holstein bull, 1 yr old 1-16-81, Dam top cow, last record 326d 23,000M 996F, Maternal sister almost as good, over 950F 301-348-5640.

For Rent - Dairy cows & heifers with option to buy Write P.O Box 145, Cordorus, Pa 17311

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Sale - Large choice Holstein heifers, bred & open, over 350 or choose from Harmony Dale Farms, Phillipsburg, NJ 201 859 2616

For Sale Guernsey, fresh, 2nd calf, very gentle $900 201-782-4802

For Sale - Registered Angus heifers, 1 & 2 yr olds, reasonable Call eves 215-935 9223

Grade Guernsey heifer, 450 lbs, vaccinated, AI sired, dehorned, tame, good buy at $400 717-656-6169

For Sale - 2 yr old Holstein freshened heifer, milking good 717-438-3280 Lancaster Co

For Sale Eager Registered Holstein bull, was 1 yr old 2-25-81 Dam Pinta Lane Tippy Eelle, Sire Straight-Pine Elevation Pete 215-932-8173

CATTLE

12 purebred Black Angus heifers, $295 each, Lancaster Co. 717-284-4423 No Sunday Calls

6 reg ½ or ¾% Simmental cows and calves, call after 7 p m 301 293 2061

2 Registered Holstein springers, bred to A-1 bulls; Blair Co 814-793-3683

5 Holstein heifers, 400 lb, 4 Holstein bulls 400 lb, 9 Holstein dairy cows, milking good 717-432-3389

ANGUS CATTLE FOR SALE
Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944

CHAROLAIS

Crossbreed with one of my Purebred, performance tested bulls to produce the larger framed, higher cutting cattle required for modern quality lean beef production. Charolais since 1961 Delivery available.

John W. Stump
Clermont Mill Road
Street (Harford Co.)
Maryland 21154
301-836-1020

CATTLE TRIMMING
NY - NJ - PA
Tri-State Area
AL DENNINGER
914-856-3400

TOP QUALITY BULLS FOR SALE
MAPLEBOUND FARM
DONALD M. HOSTETTER, OWNER

PARKESBURG, PA 19365 Phone No. 215-857-9648

Dam of Bull	Bulls for Sale	Birth Date	Sire of Bull
Maplebound Pac Brenda VG-86	Maplebound Brandon	9-3-80	Glen-Valley Star
Maplebound Pac Brenda VG-86	Maplebound Star Brad	8-11-79	Glen-Valley Star
Maplebound Farmer Sparkie VG-86	Maplebound Star Sparks	2-9-80	Glen-Valley Star
Maplebound Leader Karen VG-86	Maplebound Starlite King	10-2-79	Life-O-Riley Marquis King
Mar-Rock Martha Charm VG-88	Maplebound Classey	7-4-80	Roy Brook Starlite
Maplebound Tippy Beauty	Maplebound Star Barry	6-11-80	Glen Valley Star
Wible Farm Glendell Mina GP-81 Mina was sold for $13,000 and will score higher next time	Wible Farm Master	3-16-80	Wible Farm Prince
Maplebound Astroanut Frankie VG-86	Maplebound Frank	4-21-80	Glen Valley Star
Wea-land Ivanhoe Star Bee GP-83	Maplebound Star Bert	6-24-80	Life-O-Riley
Maplebound Gay Ideal Roma GP-80 Next dam is EX-90 with 31,000 lb milk	Maplebound Royalty	8-11-80	Quality Ultimate
Maplebound Peachum Ideal VG-87 Next dam is EX-92 with 23,000 lb. milk and a 4.4 test. She was 1st place dry aged cow at state show	Maplebound Astronaut Ira	8-31-80	Paclamar Astronaut

Just to mention a few bulls we have for sale. In all we have about 25 bulls of different ages. We are running a discount on bulls sold this month. $100 off on bulls purchased the month of May. Anyone finding a buyer for a bull with receive a $25 check.

CATTLE

60 Choice Open Holstein Heifers
550 lb.
Dehorned, vaccinated, tested
ready to go.
717-442-8134

REGISTERED HOLSTEIN BULLS
- Service Age
- Popular Sires
- Dams with Record to 24,000 lbs. Milk

10 to Choose From
EDGEFIELD FARMS
RD #2, Box 370
Quarryville, PA 17566
717-786-3591

HORSES & MULES

FOR SALE
AMERICAN SADDLEBRED HORSES
CARRIAGE & BUGGY HORSES

SPECIAL SALE
SPECIAL - 1 load of Big Kentucky Saddlebred Horses from Don Boring Stables and a few standard bred horses. Held at
NEW HOLLAND SALES STABLES
MONDAY, MAY 25
12:00 P.M.

Horses will be hitched at farm
May 22 & 23 2-4 P.M.
Farm is located 1 mile north of Bareville on N. Hershey Ave.

J. Z. NOLT
Rd 1, Leola, PA 17540
717-656-9711

Beautiful registered quarter horse mare, chestnut, 5 yr. old, very gentle, show or pleasure deluxe, champion bloodlines, 814-445-6358

AT Stud. Indian Run King, Registered Morgan, Joseph Esh, 2151 Forry Rd , Lancaster, PA 17601

Horse - Palamino Stallion, 3 yr old, green broke, 717-397-1710

Beautiful registered Leopard Apploosa stallion, 6 yr old, very gentle, show prospect, champion bloodlines, will sell or trade for equal value 814-445-6358

Wanted - Tennessee walking horse, must be gentle 215-696-8259 Chester Co

For Sale - Registered Apaloosa stud service, discount for Grade mares 301-778-5640 Chestertown, MD.

Percheron stud service, Jacob Zook, 4021A Old Phila. Pk Gordonville, 2 mile E. of Intercourse, 340

For Sale - 1 pair gray work horses, broke, good workers, buy one or 2 David S Smucker, Rd 2, Box 176, East Earl, PA 17519, Lancaster Co., 2 miles north of Churchtown.

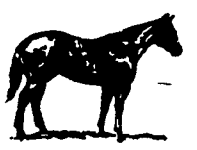
Saddlebred mare rides and drives. S Stauffer, 717-687-7105

For Sale - 5 yr. old Saddlebred carriage horse, good driver. 717-656-6712

Notice - Registered American Saddlebred Stud Service, sorrel with white markings, real fancy. $10 00 down, $40 00 with live colt Driving horses For Sale Isaac S Zook, South of Intercourse

DRIVING HORSE
5 yrs. old,
well broke &
good quality.
215-445-6298

JEN-AIR ACRES



REG. QUARTER HORSES AND PAINTS
Horses For Sale
Stallion Service
R D 2, Box 179
Berks Co
Bernville, Pa. 19506
215-488-6914

QUALITY ANGUS CATTLE For Sale
2 yr. old bulls, yearling bull, spring calving cows and heifers. Top blood lines represented.
Glenair Farms
Rt. 3
Elizabethtown, PA
717-367-1552 days
717-367-2174 evenings

2 PERFORMANCE TESTED LARGE FRAMED ANGUS BULLS
2nd Highest Yearling Angus in Maryland Bull Test
Weight Per Day of Age
3 lbs.
Adj. 365 Day Weight 1131 lbs.
$1000-$1700
J.P. Archer, Darlington, Md.
Harford Co.
301-836-3748

Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792-3216 York County

HORSES & MULES

SHEEP & GOATS

WOOL
Buying Wool, any quality fleeces need not be tied.
West Earl Woolen Mill
R#2 Ephrata, Pa. 17522
717-859-2241

CATTLE

Herd of 25 Holstein cows, must sell, owner rented farm 301-578-1224

I am an order buyer and trucker of feeder cattle, have many satisfied customers in your area, if interested in ordering cattle call collect 703-465-5785 between 8-10 p.m

SHEEP & GOATS

Several Registered Alpine milkers & weaned or baby kids, all dehorned & tame, reasonable, Chestertown, MD 301-778-5640

1 Suffolk Ram, registered with papers, 3 yr old, Lancaster Co 717-354 7743

For Sale - 9 reg Suffolk yearling ewes, 45 reg Suffolk ewes, 15 reg Rambouillet yearling ewes, 40 reg Rambouillet ewes Call evenings 717-247-2721

For Sale - Sheep, 25 Suffolk, 814-667-3594

For Sale - 50 Suffolk yearling ewes, Lancaster Co 717-687-8240

For Sale - 6 registered Southdown ewes, 2 yr old, with or without lambs, 717-548-2559

Dairy Goats, Registered Toggenburgs, milkers, bred yearlings, doe kids, bucks, classified and DHIA last test average 9.4 lb. 3 5 %, top bloodlines, priced $75-$350 much below real value R D. 1, Box 113A, Kintnersville, PA 215-847-2403

Purebred registered Nubian dairy goats for superior milk flavor and digestability. Top pedigrees. Various ages, both sexes available Gettysburg, 717-334-7993

2 yr old good milking goat with or without 6 week old doe $75 to $100. Call 215-367-5020

For Sale - AGS purebred Saanan buck, 4 mo good breeding stock, lebanon Co 717-964-3097

ANNUAL SHIPMENT OF YEARLING EWES ARRIVING EARLY PART OF MAY

318 head of exceptional straight Rambouillets from New Mexico $120 00 per head

One load of good quality straight Rambouillets from Texas, $115 00 per head

900 head of Blackface crossbreds - Rambouillet - Suffolk crosses, $105 00 to $115 00 per head

40 head of registered yearling Suffolk rams, $300 00 per head

These are all high quality yearlings guaranteed to be free from foot rot They will be treated for internal and external parasites upon arrival at our pens For more information contact

HESS SHEEP CO.
Box 100
Barboursville, Va. 22923
703-832-2098

SHEEP & GOATS

50 ewe lambs born Dec-Jan 1981, Dorset and Dorset western cross 717-966-3946

For Sale - Quality replacement lambs New Crop, Suffolk & Dorset twin lambs Lauden Acres. 717-758-2549.

Purebred Rambouillet breeding stock for sale Call 607-334-5431 Berry Hill Farms

For Sale - 62 1 & 2 yr old ewes, Dorset, Suffolk and Rambouillet crosses, proven good mothers, Sussex, NJ 201-875-5035

Karakal lambs and goat kids for sale Karakal wool available for spinning Call 484-4865 Adamstown.

For Sale - Cheviot lambs, $65, will deliver locally Lancaster Co 717-626-6802

For Sale - 5 to 10 Grade ewes & a ram 215-485-7525 after 12 Noon

SWINE

For Sale - Duroc boars & gilts. Sweigard Durocs, R D 3, Box 639, Halifax, Pa 717-896-3365

For Sale - Feeder Pigs We aim to please 304-586-2823

SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U.S. breeding in our herd Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone 717-658-5821

Registered Hampshire, Yorshire, Landrace Boars and Bred gilts, Preston Bankert, Rd 3, Red Lion, PA 717-244-1244

If you have swine to sell or buy - check our swine column It is read weekly by thousands 717-394-3047 or 717-626-1164

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H Thomas, Beavertown, PA 17813 717-658-5821

For Sale - Registered Purebred duroc breeding stock, delivery can be arranged, Call 717-733-2310 W F. Ruoss, 126 Irene Ave., Ephrata, PA 17522

For Sale - Purebred Spotted boars & gilts Satisfaction Guaranteed Free delivery Hobart Muller, R D. 2, New Oxford, Pa 17350 717-624-2320

125 Hampshire - Yorkshire open gilts Also service age boars of both breeds. John Strawbridge, Stewartstown, Pa. 17363 301-996-2022

For Sale
Duroc and Landrace Boars
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters Crossbred litters maintain a 9 plus weaning average over 400 litters per year
Dutch Valley Farm
Rd 5, Box 428
Manheim, PA 17545
717-665-6220 Mark
717-665-2588 John

SWINE

Registered Yorkshire Boars Bred Gilts and open Gilts Will deliver **Red Run Farm**, RD #2, East Berlin, Penna 17316 717-292-4634. York Co

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, R2, Strasburg, Pa. 717-786-2562

For Sale - Durocs Service Age Boars, excellent western bloodlines, aggressive and sound, delivery available Rick Pfautz, RD #1 Stevens, Pa. 215-267-3739

34 feeder pigs, 4 gilts with litters Wayne Hess, 717-665-4642

SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock Bloodlines of the best in the U.S Par-Kay Farm, Park F Thomas, Beavertown, Pa Phone 717-658-6544

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
(delivery available)
BOURBON SPRINGS FARM
R2, Newville, Pa 17241
Kenneth Ketterer
Phone 717-423-6250

BRED GILTS
10 Purebred Yorkshires due approx. June 18
12 Purebred Spots due approx. June 18
12 Purebred Durocs due approx. July 22
25 Purebred Durocs, Yorks and Spots bred to Yorkshire boars, due Approx. July 22.
10 Purebred yorkshires due approx. July 22
Also bred gilts on order
50 Purebred Duroc & Spots - Open Gilts
Few Yorkshire open gilts
Ready to breed
Good selection of Duroc, Yorkshire and Spotted

SERVICE AGE BOARS
We have for sale some of the best Yorkshire boars we have ever raised, as good as our '81 Keystone Classic record breaking top selling boar and Reserve Champion Yorkshire boar at the '81 Yorkshire Invitational.
Brucellosis free herd #26, P R.V. #18.

BUSY ACRE FARMS
Calvin H. Lazarus & Sons
4290 Bridge St.
Whitehall, PA 18052
215-799-3375

TRY US FOR AGRESSIVE YORKSHIRE BOARS
Negative test for Brucellosis & Pseudorabies
Individual records on each boar
Our BOARS & GILTS are GUARANTEED
YOU CAN'T LOOSE!
BUT you can improve your herds
FEED EFFICIENCY
RATE OF GAIN
MOTHERING ABILITY
SPECIALS:
3 to 5 young boars - $100
10 bred Hamp York cross gilts due June 14 to June 20 - $225
8 bred Hamp York cross gilts due July 30 to Aug. 8 - $225
50 cross & purebred gilts market price plus $50, 12 plus usable teats
Service age boars available at all times
We Will Deliver
Here are a few FACTS about OUR YORK HERD
1 - Sows wean 10, gilts wean 8
2 - Death loss ¼ of 1% from weaning to market
3 - Market hogs reach 220 lbs. between 5 & 5½ mos.
4 - Our mothers are squatters - less than 1% babies mashed
5 - Hogs marketed at Hatfield 98% No. 1's

NICK ISAACS
R.D. 2, Box 55C
Townsend, DE 19734
302-378-8432

HYBRID BOARS & GILTS
Boar Lines

M x D	Y x L
Aggressive	White Line
Sound Legs	Large Litters
Fast Growing Pigs	Good Mothers

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EAST COAST HOG SERVICE
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Lititz, PA 17543
Ph: 717-626-6566

SWINE

SWINE

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Commercial & Purebred Duroc Swine breeding stock
Quality boars & gilts at low prices
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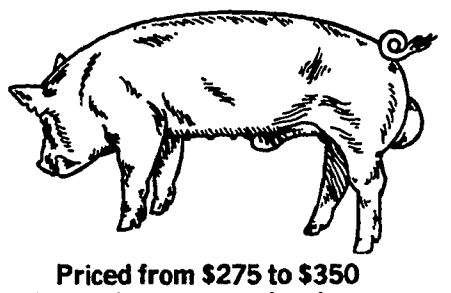
10 YORKSHIRE BOARS
READY IMMEDIATELY FOR SERVICE



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QUALITY - Our hogs are marketed at Hatfield Packing Co. 95% #1. No T.B.

PRODUCTION 1979 - 131 Litters, wean ave. 11.3. 1980 - 97 litters, wean ave. 11.5 1981 - 32 litters, ave. wean 11 3.

FEED EFFICIENCY 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain.

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7 "Charlie Hustle" Boars
7 "Barron" Sons
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1 "Lexington"

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Next Production Sale August 21

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For Sale - Dry shelled corn Stump Acres 717-792-3216 York Co

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Eggs Hen/Day	299	311
Eggs Hen/Housed	282	294
Feed/Day/Bird (grams)	108.5	106.8
Avg. Egg Wgt. (grams/doz.)	57.06	58.08
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Wanted - Cook's helper for small PA Guest ranch, Live in summer employment. Chestnut Hill Ranch, Rd., Shinglehouse, PA 16748, 814-698-2400

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Farm Manager for large crop & beef or dairy replacement Experienced with large operations Education, extensive agriculture & farm background Excellent references. Absentee owner preferred Write to P O Box 366 J 172, c/o Lancaster Farming, Lititz, Pa. 17543

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NE PA, US Rt. 6, good business, high potential, includes 7 acres, modern buildings, rolling stock, inventories and excellent service department. Will consider buy-in, low interest financing available to qualified buyer.

Lancaster Farming
P.O. Box 366R-56
Lititz, PA 17543

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Wanted - Summer help for small PA guest ranch Housekeeping, waitressing, live in, must be a minimum 18, Chestnut Hill Ranch, Rd, Shinglehouse, PA 16748 814-698-2400

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Rain Makers
National Irrigation-Designers, Installers - water management systems
Reinke Long lived pivots, Travel with Hobbs, Adams Reel Rain Systems 8 models to suit your needs Specialists main line installations, sprinkle with Rain-bird If you want your water management systems to decrease production costs and increase yields
Call National Irrigation Co, Inc Box 311 Roosevelt, NJ 08555 607-448-1125

Manager for milking machinery business, aggressive, self-motivating, mechanical ability, interest available, profitable South Jersey, PA, DE, MD area. 609-267-5246 or 609-267-0198 evenings

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Sale or Lease - Business operating 50 yrs, newly renovated flower shop and display house, also available 2 150'x40' greenhouses S E Chester Co Principles only 215-696-7380 before 9 a.m. or after 5 p m

Service Station/Garage, 4 bays, includes 2 lifts, 2 air compressors, pumps and tanks, large frontage on Main St., approx 1 acre, suitable for used car lot, laundromat, store and many other businesses, lots of parking, in the 50's Owner will help finance, Delta-York Co., PA. 717-456-5949 6:30 a m - 5:30 p m 717-456-5169 5.30 p m - 8.30 p.m

GRAIN DISTRIBUTION BUSINESS - Wholesale grain distribution, storage and hauling business, high moisture corn, corn, oats, soybeans, hay, straw, lime, fertilizer, etc Located in major North Central Pennsylvania dairy area, excellent four year old facility located on 6 acres. 1980 sales $700,000 Projected 1981 sales to exceed 1,000,000 Sale $220,000
V Kochmer Associates, Broker, 717-693-1552

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TRUCKS & TRAILERS

1975 Ford Van E-150, excellent condition, PS, PB, auto trans, AM/FM stereo 8 track, 300 cu in, 6 cyl customized interior, dual battery system, asking $2300, 717-456-5302

For Sale - 1972 ¾ ton International pickup, 30,000 miles, very good condition, $1200. Adams Co. 717-528-4889

1969 GMC with sprout Walden bulk tank with loader and unloader in rear, 2 1½ ton compartments and 2 3 ton compartments, excellent shape 609 358-7421

1979 GMC ½ ton pickup truck, excellent shape, loaded with equipment including 100 gal. storage tank with pump I Hall. 609-358-7421

1975 GMC 6500 427 engine, air brakes, 20' grain body, 48" sides, low mileage, 609-935-4179

1970 IHC 1700 - 24' Henderson Roll Back PS Good $8500 00 5800 Gallon Stainless Steel Tanker $7,800.00 1974 Case 850 B Loader $10,500.00 J.D 450 - 6 Way Dozer $9500 00. 1972 IHC, 20' Log Bunks Prentice G Loader $13,500.00 John Deere 540A Log Skidder $9500.00 28' Alum Tandem Dump $6500.00. 1975 Ford Louisville 9000 Tractor $9500 00 1973 F750 Ford 14' Grain Dump $4500 00, Others, Trade, Finance 814-793-2829 'Curry Supply Martinsburg, Penna

For Sale - Stocked and equipped or bare Juniata Co dairy farm, 38 stall barn, 3 bedroom house, possible FHA financing. Call 717-436-8346

JD 3010 backhoe, 1972, one owner, new tires, 2900 hrs., very good condition, $10,800, make offer, 1971 IH 2050 diesel, IH V8 tandem power steering, 14' steel dump, 56,000 GVW, 20 speed, good condition, 184 W.B, $6,800, will sell with or without dump body; air lift axle, pusher type, $400 Franklin Co 717-532-7002 after 6 p m

1973 Hanover Gooseneck trailer, 8x 16 flatbed with cattle racks, electric brakes, in good shape. 717-442-8126 Lancaster Co.

1979 Ford F-350 super cab pickup truck, 4 speed, 29,000 miles, inspected service, good condition, $4495. Call daytime 717-299-3721, evenings 717-273-7394 Larry

For Sale - 1973 Ford F100 pickup, 717-738-1857

(3) 8 25-15 truck tires and tubes, 12-14 P R hardly used $75 00 each 215-286-5146

For Sale - new 14' steel dump bed, 1968 White 4000 with 250 Cummins, 10 speed, 38,000 rears, 75 Tibrook alum. dump trailer, 28' with 29' frame, air tail gate 814-448-3098 or 448-2260

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1968 Ford F600, 20,000 GVW, 20" rubber, 12' stake, app. 25,000 GVW on new engine block, class 3 trailer hitch, 4 speed 215-967-5292

1963 Diamond Reo Truck, single axle, model 990, with 250 cummins 10 00x20 rubber, priced to sell 1951 Ford pickup F-100 good running condition needs body work, Fraxer rototiller, 10 hp, completely rebuilt 717-872-5372 after 6 p m

1972 Chev pickup, 8' bed, ¾ ton, good condition, 717 859 1662

TRUCKS & TRAILERS

For Sale 1972 Int pickup, $450, 1965 F350 Ford motor and transmission, $175, 3 point hitch for Oliver 88, Oliver 1800 gas tank, $30, Case forage chopper, $75, 4 wheel trailer, $75 717-444-3968

1968 Chevy C-60 truck, new 9 00x20 rubber, 18' steel tread, plate bed with 22 ton hoist, hay rack for over the cab, $3000, York Co. 717-382-4173

TRUCKS & TRAILERS

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900. 717-866-4906

For Sale - 1966 Auto cart dump truck, 220 cummins, engine needs work, 814-766-2733

For Sale - 75 Dodge crew cab pickup with cap, 66,000 miles, good condition $1895, 717-548-2559

1978 Diplomat 4 door, full power, special $4095
(1) 1980 Chrysler Cordoba, 6 cyl., fully equipped
1980 D50 pickup, new - Special $5995
1979 2 door Omni 024 hatchback, real nice
1978 Aspen 4 door, 4 speed overdrive
1981 Plymouth Reliant K, front wheel drive, 3000 mile, black
— Real Good Specials On Pickups In Stock —

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Route 230 East Next to Shopping Center
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40' Brown Van Trailer, 12'6" high, side door, slider on 20" tires, good potato trailer.
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40' Gindy open top trailer
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EXCEPTIONALLY CLEAN AND WELL MAINTAINED

1976 & 1977 CHEVROLET 12' STEP VANS P30
Matched Fleet - 350 V8 engine, 4 speed transmission, dual rear wheels, aluminum bodies, with or without new paint.

1975 FORD 16' CAB & CHASSIS LN700
361 V8 engine, auto. transmission, power steering, AM radio, 9:00x20 tires, 26,000 license

1975 IHC 7½' DUMP BODY 1600
345 V8 engines, 4 speed trans., power steering, 8:25x20 tires,. exceptionally clean, transmission overhauled.

1975 IHC 20' VAN W/LG 1750
175 Cat diesel, 5 speed transmission 2 speed rear ps, 9.00x20 tires, 26,000 licence, interior has pipe racks for garments

1975 FORD 16' CAB & CHASSIS LN7000
175 HP Cat. diesel engine, 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal. tanks, and new paint.

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

USED TRACTORS

1976 PETERBILT TRACTOR 352S86
350 Cummins, 13 speed trans. air conditioning, power steering, new paint & recent overhaul, tandem axle diesel sleeper.

USED BODIES

14' ALUMINUM VAN BODY
1974 Morgan, pre-painted aluminum panels, overhead rear door, curb-side door, slatted interior, new paint, with lift gate.

14' REFRIGERATED VAN BODY
1975 Duralite aluminum smooth skin, extruded aluminum floor, new paint, XMT20D thermoking unit with electric standby.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

4 WHEEL DRIVES

1979 International Scout, 304 V8, A, PS, PB, 20,000 Mi. $5995
1979 Jeep J10 Pickup, 360 V8, A, PS, PB, AM-FM, Sliding Rear Window, White Spoke Wheels, 2 Tone Paint. $5995
1979 Chevy Blazer Cheyenne, V8, Auto., PS, PB, AM-FM. . . $6995
1979 Blazer, 350 V8, 4 Speed, PS, PB, Air Cond., Radio, White Spoke Wheels, 31 gal. fuel tank $6995
1978 Ford Explorer Pickup, 400 V8, Auto., PS, PB, Air Cond., AM-FM Radio Lockout Hubs $5895
1977 Chevy Bonanza Pickup, 400 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel $5495
1976 Ford F100, 360, 4 Speed, PS, Lockout Hubs $3995
Broncos! - 3 to Choose From...1971, 1974, 1976.

VANS

1980 Ford, Long Wheel Base, 6 Cyl., Auto., PS, PB, Radio, Twin Fuel Tanks. $6995
1979 Dodge Sportsman, 5 Pass., V8, Auto., PS, PB, AM-FM, 14,000 Miles, 2 Tone Blue, Like New $6995
1978 Chevy C20, step van, 350 V8, 4 Spd., PS, PB, 12' Body, 6800 GVW, 35,000 miles, excell. cond., all white $5995
1977 Ford F150, Econoline, V8, Auto, PS, PB $3795
1974 Chevy ¾ Ton 5 Pass. Sport Van, 350 V8, Auto., PS, PB, Air Cond., AM-FM 8-Track, 29,000 Orig. Miles, Beautiful Cond. $3995
1973 Dodge 8 Pass., Window Van, 318 V8, Stand. Shift, PS, PB $3295

PICK UPS

1979 Ford F100 Shortbed Stepside, 351 V8, A, PS, PB, AC, AM-FM & Tape, White Spoke Wheels, Red Truck with White Pin Striping $6295
1979 Chevy C10, 250, 6 Cyl., PS, PB, A, AM-FM Radio, 24,000 Mi., Like New. $5895
1979 Ford F150, 351, V8, Standard Shift, PS, PB, AM Radio $5495
1979 Chevy C10 Cheyenne, 305 V8, Auto., PS, PB, AM Radio, 2 Tone Paint, Cap $5985
1979 Ford F-250 Super Cab, 351 V8, Auto., PS, PB, 2 Tone Paint, AM Radio, 36,000 Miles $6495
1979 Ford F250, V8, Auto., PS, PB, AM Radio. . . . $4995
1978 Chevy C20, 350 V8, 4 Speed, PS, PB, AM Radio, 7100 GVW $4895
1978 Chevy C20, 350 V8, Auto., PS, PB, AM Radio . . . $4995
1978 Chevy Luv, 4 Cyl., Auto, Air Cond., AM-FM, 7' Bed . . . $4995
1978 Ford F100, 6 Cyl., Stick . . . $4295
1978 Ford F100, 6 Cyl., Auto., PS, PB, AM Radio, Cap, 2 Tone Paint $5495
1977 Dodge D100, 318 V8, A, PS, PB, AC, AM Radio, Adventurer Package. $3995
1977 Dodge 200, V8, Auto., PS, PB, Radio $2995
1977 Chevy C10 Scottsdale, 6 Cyl., St. Shift, PS, AM-FM & Tape $4295
1975 Ford F250, 360 V8, 4 Speed, PS, PB, AM Radio, Cap $2895

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1981 SUMMER TRUCK SALE

BAG BULK FEED COMBO UNITS

Stock #101
1969 GMC V-6 engine. Model #5500, GVW 23,000, with 14' Agway open top dump body Cross auger and direct drive blower
Price - $4,900

Stock #102
1969 GMC V-6 engine. Model #5500. GVW 20,000, with 12' Agway open top dump body. Cross auger and direct drive blower.
Price - $4,700.

COMPLETE BULK UNIT

Stock #105 - 1969 Reo Diamond with 18' Sprout body. 238 Detroit diesel 5 compartments New PA inspection. Must be seen to appreciate this low price $15,900.

BAG TRUCK & BED

Stock #106
1974 Dodge 350 with 12' stake bed, 11,000 GVW Price - $800

Stock #107
22 ft Morgan flatbed Ideal body for hay hauling.
Price - $650

Contact - Jack Conrad - Owner or Dick Shultz - Sales

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LIQUIDATION SALE OF NEW TRUCK INVENTORY
IHC AND GMC LIGHT DUTY AND MEDIUM DUTY GAS AND DIESEL TRUCKS

GMC

STK. #508
½ Ton 6½ Ft. Pickup
6 Cyl. Eng - 3 Spd. Trans
Radio - (5) Radial Tires

STK. #022
¾ Ton 8 Ft. Pickup
Small V8 Eng., Auto. Trans.
P/S, P/B, 2 Tone

Stk. #866
1 Ton, 10000 GVW
V8 Eng., 4 Spd. Trans.
Dump, Utility, Stake

1 TON 84 CA C&C
(2) On Hand
V8 Engine, 4 Spd , HD Susp , 750x16 Tires, 12' Van, Stake, Stake Dump

STK. #354
C7D042 C&C (18' Body), Diesel Engine, 5 Spd Trans - 2 Spd Rear, Full Seat, 50 Gal. Step Tank, Tilt Hood

STK. #121
J8C042 C&C (20' Body)
CAT Diesel Engine, 5 Spd Trans , 30,000 GVW, 1000x20 Tires, P/S Radio, Frame Rein.

STK. #135
½ Ton 8 Ft. Pickup
V8 Eng., Auto Trans.
P/S, P/S, Radio

STK. #207
¾ Ton 8 Ft. Pickup
V8 Eng., Auto. Trans.
A/C, P/S, P/B

Stk. #544
1 Ton 9000 GVW
V8 Eng , 4 Spd. Trans.
8 Ft. Utility

STK. #848
C6D042 C&C (16' Body)
Diesel Engine, 5 Spd Trans. - 2 Spd Rear, P/S, P/B, 900x12 Tires, 23,160 GVW

STK. #274
J8C042 w/18' Van Body, 6V53T Det Engine, 5 Spd , 35,000 GVW, 1100x20 Tires, P/S, P/B, Radio

STK. #789
½ Ton 8 Ft. Pickup
6 cyl Eng., 4 Spd. Trans.
P/S, Radio

STK. #412
¾ Ton 8 Ft Pickup
V8 Eng., 4 Spd. Trans.
R. Step Bumper

Stk. #589
1 Ton Value Van
V8 Eng , 4 Spd. Trans
P/S, Full R. Doors

STK. #937
C7D042 C&C (16' Body)
27,500 GVW, 8.2 Diesel, 1000x20 Tires, Frame Rein., Radio, HD Springs

STK. #274
J8C042 C&C (18' Body), Det Diesel engine, 5 Spd. Trans. - 2 Spd. Rear, Air Brakes, Frame Rein , Tilt Hood

GMC (Gas)

STK. #949
C7D042 C&C (16' Body)
366 V8 Engine, 27,500 GVW, 5 Spd. Trans. - 2 Spd Rear 1000x20 Tires, Radio

STK. #935
C7D042 C&C (18' Body)
V8 Gas Engine, 5 Spd. Trans., frame Rein., P/S, HD Cooling, 50 Gal. Tank.

IHC

STK. #656
1754 C&C (16' Body), 9.0 Liter Diesel Engine, P/S, P/B, Color - Green

STK. #841
1854 C&C (16' Body), Diesel Engine, Frame Rein , 26,500 GVW, 1000x20 Tires, Color - Red

STK. #532
2554 w/HEIL 20 Cu Yd. Packer, DT 466 Engine, 5 Spd Trans. - 2 Spd. Rear, P/S, 1100x20 Tires, 35,000 GVW

STK. #371
1754 C&C (16' Body), Diesel Engine, 5 Spd., 23,660 GVW, HD Springs, Color - Green

STK. #510
1854 C&C (18' Body), 180 H P IH Diesel Engine, 5 Spd. Trans. - 2 Spd Rear, Color - White

STK. #146
1754 C&C (16' Body), 9.0 Liter Diesel, 900x20 Tires, 5 Spd Trans - 2 Spd. Rear, Color - Red

STK. #645
1954 C&C (20' Body), 35,000 GVW, DT466 Engine, 5 Spd Trans -2 Spd. Rear, 1100x20 Tires, P/S

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King 4 horse gooseneck trailer with dressing room and sleeping area, very good condition $3900, 717-444 3213

TRUCKS & TRAILERS

Cattle body, 12' wood with calf box and 8000 lb Warn winch, installed on your truck $2250, J R Opp Co 717-546-3397

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Eby Aluminum Body, 7' high inside, 25' long.
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1978 COF 4070B Transtar
NTC, big cam 290 Formula, RT 1110 trans., 10x20 AC, Custom interior, sliding fifth, 154" W.B.
Can lengthen wheel base to accommodate dump body.
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1972 Honda CB350, good condition $400, 717-456-5302

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1968 Chevrolet Biscayne 2 door, excellent running condition, a nice car, cheap transportation 215 MO7-5329

Packard Clipper Classic 4 door, body excellent motor runs good, new paint, good tires, latest inspection 814-367-5469

AUTOMOBILES

ANNUAL SPRING TRUCK SALE

Stock No 1163B 1979 **DODGE D-100.** 6 cylinder 4 speed 24 000 miles power steering power brakes vinyl interior Rear step and tow bumper Local one owner — **$4395**

Stock No 0034A This will knock your socks off **1978 Jeep j-10.** 8900 miles One owner White blue interior color keyed white cap white sidewall mud & snow tires full wheel covers AM Radio tinted glass rear step & tow bumper V 8 automatic power steering & brakes Just like brand new — **$3990**

Stock No 0037 **1979 DODGE B-300 1 TON TRUCK.** 360 4 speed power steering & brakes 13 000 miles Clearance and ID lights rear step bumper AM radio, 9000 GVW burns regular gas Plate in bed for fifth wheel The perfect towing vehicle Blue — **$4780**

Stock No 3028B The camper s delight **1975 DODGE W-200 CREW CAB 4 DOOR.** 360 4 speed heavy duty suspension power steering & brakes AM radio slide-in camper (sleeps 5) Red Burns any type gas — **$3060**

Stock No 0165A For the farmer who wants to haul hay **1977 DODGE D-500** Cab & Chassis 174 wheelbase 18 500 GVW 318 four speed single axle Power steering & brakes perfect truck for heavy duty hauling Gold Burns regular gas — **$1895**

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JERSEY SHORE, PA
Phone (717) 398-1590
detroit CONNECTION

TRUCKS & TRAILERS

For Sale - 20' aluminum cattle body 22' wood cattle body 20' wood cattle body 11½' Used wood Belleville body, excellent shape, 12' used aluminum dry freight van, excellent condition - like new M H Eby, Inc , Blue Ball, Pa 717-354-4971

Energy Hyd truck hoist Sales & Service Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039

1970 Diamond Reo truck, 26,000 GVW, good condition, $3500 717-626-8487

1969 Int 1900 tri axle dump truck, all good tires, 20' aluminum bed, new 549 gas motor, exc cond , $13,500 215-869-9265 after 5 P M or 869-2952 anytime

75 Chevy (C-60) truck, 78 motor, aluminum 21' bed, 8' cab rack and end lift gate $5900 Fruehauf 36' semi trailer, single axle, good condition $1295 Lebanon Co 717-273-6018

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans , high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition $3800 firm 609-769-3183

For Sale - 1971 1890 Int 345 V-8, 5 & 2 speed, 10 00 x 20 tires, rebuilt engine, will take a 16' body, will sell with or without body 1971 Int tractor, 5 & 2 speed, 10 00 x 20 tires, air brakes 301-877-9889

GMC 6x6 truck, tandem axle, all wheel drive, 90% restored new, sell or trade for freight trailer, 301-774 6583

1974 Stoltzfus dry lime and fertilizer spreader box for truck, 10', full hyd , air lift boom 215-593-2495 eves

1962 Ford Cattle truck, F350 with dual wheels, good condition 215-267-3983

For Sale - 16' alum. Morgan van truck body 717-354-7561

For Sale - 1950 Int truck, cab & chassis, good condition 717-758-8102 between 6 & 9 P M

1968 Diamond Reo tandem, Cummins 250, 15' steel dump $4700 814-237-6080

For Sale - 1980 Int model 1854, 27,500 GVW, DT466 diesel, 5 & 2, 120 CA, less than 25,000 miles like new 1976 Dodge Maxi Van, 15 passenger, 318, PS, PB, auto 717-437-2247

71 Rogers 35 ton lowboy with Beavertail and 10 00x15 tires, 703-837-2335, 837-1428

PETS

Need puppies, will purchase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609-779-1660

AKC Australian Cattle Dogs Red and blue puppies whelped February 21st Also two older pups for sale Stud service available to approved bitches BUCKEYE KENNELS, Troy, Ohio 513-335-4012 or 778-0675

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AKC Siberian Huskie puppies, 6 weeks, 215-593-2260

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Great Dane puppies, AKC, blue and black, Green Castle, PA From $175 717-597-4427

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Will purchase in litter lots and pickup at your farm or kennel.
Breeding stock for sale.
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Chain Link Dog Kennels
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— Reasonable Prices —

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Puppies 6 to 9 weeks old in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia PA 19140 or call between 12 noon & 6 p m Mon Tues & Thurs only 215 229 0449 Give breed age color when writing Also some kind of direction Thank you

NOTICE

Buyers wish to contact garlic & ginger planters in Lancaster area, for Autumn delivery, Moses Chu, P O Box 202, Paradise, PA 17562 717-687 8751

MISCELLANEOUS

Two garment bags, one womens, $3, one mens $2 One broiler oven, continuous cleaning, $25 One 2 burner hot plate, $25 Call 717-626-1485 after 6 30 P M

For Sale - Delta Slate 11" x 22" like new Also Amway Queen stainless steel waterless cookware never used, retail for $407 00, will sell for $210 Quentin McCleary, Stewartstown, Pa 717-993 2704

MISCELLANEOUS

For Sale - Brass Quoits for family fun, 6" diameter, wt 3 lb Solid yellow brass sand casted $25 set of 4 Make check or money order payable to Chestnut Hill Castings Write Box 366 R57, Lancaster Farming, Lititz, PA 17543

For Sale - Windmill, running condition, David S Esh, 25 Spring Rd, Leola, PA 17540

"Windmills for sale!" Dealers needed also for America's best new windmill, "EAGLE #1" "Free Brochure!" (Toll Free 1-800 241-6759, American Wholesale Windmills, Box 261, Stone Mountain, GA 30086

For Sale - Beekeeping supplies Inverbrook Apiaries, R D 2, Box 230, West Grove, Pa 19390 215 869 3353 Call or write for free catalog

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on new and used automatic washers-dryers-gas & electric refrigerators and ranges — used wringer & engine washers. New bedroom furniture. Delivery and in home or shop appliance repair available. Financing available with approved credit. Open 7 30 until 4 30 — Sat. 7 30 to 12 noon — evenings by appointment

MYER'S WASHER - DRYER
Along Rt 772 between Brownstown and Leola
Bright yellow house
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REAL ESTATE

Stone home and stone summer house Stream and 2 to 10 acres ground 717-754-4661

MISCELLANEOUS

Pheasant Hunting - Sept 1 - Apr 30 Eggs, Chicks, Started, Mature Reading Hunting Area, Birdsboro, Pa, R D 1, 19508 Ph 215-856-7670

For Sale - Ringneck Pheasants, hatching eggs, chicks, started and matured flyers Professional all breed bird dog training Tom Crawford, Hillendale Game Farm, Tyrone 814-684-5015

For Sale - A O Smith commerical oil-fired, glass-lined water heater, 369 7 gal per hour, 75 gallon capacity, $400

150,000 grain Canadockly water softener, $500 717-665-2914 or 665 5427

For Sale - Complete beekeeping operation, 85 two story hives, 200 deep supers drawn comb, new assembled supers with foundation, modern stainless steel extracting equipment Will sell complete or by the piece 215-756-6187

The Pennsylvania Farm Museum of Landis Valley desires to purchase approximately three (3) acres of hand-cut Balboa rye (or any other rye of equal height) for historical thatching purposes Interested persons should either call the Farm Museum at 569-0401 or write same at 2451 Kissel Hill Road, Lancaster, Pa 17601 Address all inquiries to Nadine A Steinmetz

Wanted - Firewood Large Quantities - Hardwoods - Logs, sliced or split-seasoned or green-will haul-fair prices paid 215 383-5044 eves

For Sale - Telephone Poles, 717-392-7803, 684-6108

For Sale - Used bee hives Amos U. Glick, 2061 Jarvis Road, Lancaster, PA 17601

New & Used steel and plastic **DRUMS**, bought and sold-local and long distance deliveries Reliable Recyclers, 114 S Maple Ave, Leola, PA 717-656 4211

For Sale - Old fashioned Columbia kitchen range, JD 40 tricycle, good condition, TD 9 International w/blade, Fox Terrier and Chihuahua mixed puppies Call 717-626 5678

LOCUST POSTS FOR SALE - 7' $3 00, 8' $3 50 717-687-9044

For Sale - Refrigeration unit for apple storage area Call after 6 P M for details 717-477-5520

Wanted to buy - Old wide plank attic pine flooring, no paint or stain with good condition surface, in lengths of 10' plus, need 525-550 sq ft Call Don Lefever 717-299-5201 days, 717-397-1234 evenings

For Sale - Amish buggy, rewired & repainted, good condition 717-362-8336 after 4 P M, R D 1, Box 580, Halifax, Pa 17032

For Sale - Honeybees, Amos F Beiler, 134 Blackhorse Rd, Paradise, PA 17562

REAL ESTATE

Duncannon Acreage — 108 acres, 59 acres tillable, 49 acres wooded, more acreage available Large barn negotiable Call for details $112,000 Stuart Derrick Real Estate, Inc 717-957-2887

NORTHERN NEW YORK We are offering this 400 Ac plus dairy farm for sale, Priced under $500,000 depending on what you want, Price includes complete line of almost new equipment, 91 head of cattle in D H I A for over 15 YR's Buildings in excellent condition, 347 Ac FARM, Buildings in excellent condition, S & E $360,000, 165 Ac FARM equipped $115,000, 175 Ac FARM, 10 yr old barn, stone house, second barn, country store all stocked, S & E $250,000, ALSO HAVE hobby farms priced from $29,000 up Fournier Real Estate Gouverneur, NY 315 287 4065

180 acre beef farm, 130 tillable, level acres, 10 secluded buildings, financing or machinery available, Corning NY, owner retiring $125,000 607-962-6668 or 215 885-1458

By Owner - Rural Manheim area, 3 bedroom rancher, fireplace in basement, garage and carport, fruit trees, large plow, financing available, 717-665-7280, 717 367-7370, 717-367-9423

125 Acre Farm, Good Land, Buildings, Location, 25 Acres with Roadstand, 50 acers with cottage, 9 acres with pond, Riverfront Estate, Lots at desirable locations, Large commercial Garage, showroom, Livestock, poultry, grain, vegetable farms, good farming areas in New Jersey What farm do you want to buy, sell, rent? Philip F Gardiner, Real Estate Broker, 609-881-7023 early morning, EVENINGS

To Settle estate, approx 200 acre farm, 75 acres tillable, 10 room house, large bank barn plus sheds Excellent spring water, deer and small game hunting, fishing Along Pine Creek, Lycoming County, Pa 717-753 3335

FOR SALE - 60 ACRE FARM, WITH COMPLETELY AUTOMATED 35,000 BIRD LAYER HOUSE, MUCH MORE BERKS COUNTY, PA 215-562-7776

Large home, 13 rooms, 3 full baths, 3 complete cellars, along highway 5 acres of land $65,000 Clarence Kuhl 717-622-3995

Herndon, Schuylkill Co 136 acre farm, home, barn, plus 7 other buildings, 80 acres tillable, $146,000 Owner financing, will trade for smaller farm or single family residence Harvey C Cresswell Realtor, 717-874 0147, 717-628-5057

YORK COUNTY FARM: Ideal for livestock operation Buildings include 2½ sty, 3BR farm house, large bank barn, corn crib, hog house, chicken house, 2 car garage, 33 ac m/l, only $75,000, owner will take a sales agreement! Value Real Estate 717-246-1676

"590 acre dairy farm operation for sale 360 acres of good early corn and alfalfa soils 180 cow free stall complex, Surge parlor, 2500 gallon bulk tank, modern calf and heifer raising facilities, farm shop and several storage buildings, modern feed center, 2 Harvestore's 25 x 90 and 20 x 80, large bunker silo, free natural gas for all buildings large modern home, 170 Holstein milkers plus 214 head of young stock, full line of modern farm machinery and equipment, can be purchased as Real Estate only or with cattle and equipment, REALTY 50, 334 West Main Street, Batavia, New York 14020, 716 343-9221 or 716-343 3616"

REAL ESTATE

For Sale - Farmland, 500 acres, about 100 acres woodland, 3 complete sets of buildings Can be purchased in one parcel or in lesser amounts Near Troxelville, Snyder Co Park F Thomas, R D 1, Beavertown, Pa 717-658 6544

North Baltimore Co Farm, 172 acres, 3 miles off I-83 with 125 acres of cropland & 47 acres of woodland, some farm buildings included Also has 55 acre parcel with 39 acres tillable, $2000 per acre 301-343 0713 eves

For Sale - 33 acres in Berks Co, half tillable, half woods, 5 ponds stocked with fish, 4 A frame cabins, block bungalow, old farm house w/oil burner, modern stone front home with livingroom, kitchen, 2 bdrms, recreation room, 1½ baths, garage, storage room, electric heat 5000 pine trees around house, all kinds of fruit & nut trees, private setting All buildings have all conveniences, hot water haters, baths, heat 2 springs plus 98' well possible owner financing Must be seen to be appreciated Call for information 215-944 8692 between 4 & 6 P M or write Leroy Baer, Box 3471, Fleetwood, Pa 19522

FREE

Exciting Seasonal Edition, Catalog! Over 5,400 country properties described pictured! - Land, Farms, Homes - Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!

STROUT REALTY
1801 N. Front St.
Dept. 6490
Harrisburg, PA 17102
(717) 234-0138

Ready To Work

for you! Stocked, equipped 200-ac Grade A dairy Fertile cropland, pasture Ponds, wells Excellent 3-bedrm & bath home Grade A barn, silos, other bldgs On blacktop & 2 other rds, 5 mi to town $299,900 Owner retiring, will finance STROUT REALTY, Inc, Box 127-A - Sigel Star Rt, Brookville, PA 15825 (814) 849 5964 Res, 849-3282 Free Local Lists

Dairy $$$

At village edge on paved rd & river Service rts by 267 West Virginia acres Pasture 50-60 cattle Tillable 80 acs Bank Barn, 50 freestalls Grade A double - 4 herringbone setup. Silos Neat 5-bedrm home, basement garage Owner retired $306,000 29% down, 8-¾% interest STROUT REALTY, Inc, Broker, P O Box 165, Terra Alta, WV 26764 (304) 789-6177 Res, 789-6733 Free Local Lists

STROUT REALTY

N E. PENNSYLVANIA FARM Wayne County, 114 acres worked tillable fields, woods, stream, all fenced Sturdy farmhouse, breath taking views, barn with cleaner, 46 stanchions & ties, paved road Anxious to sell $116,000 Call George H Zerebak Realty, Rte 370, Lakewood, PA 18439 (717) 798-2113

FARM FOR SALE In Milton, Pa 153 acres, large road frontage, easily sub divided $2500 per acre Write Box J-173, c/o Lancaster Farming, Lititz, Pa 17543

Bradford County Large country home with barn and 33 acres, wooded area, abundance spring water supply To be sold by owner 717-265-9014

Roost by owner, 24 acre old homestead, deep well, great view, 1½ mile from Staunton, VA, secluded $60,000 703-886-7959 or 703-337-2252

For Sale - 2 tracts of woodland with road frontage (1) 10 acre, (1) 19 acre Levi P Kauffman, R D 2, Box 123, Honey Brook Pa 19344

REAL ESTATE

60 ACRE HOG FARM

3 100' buildings, heated floors, pit, 3 bedroom brick house and pond, **Adams Co.** 717-632 6968

241 acre active dairy farm, 39 stanchions, fully equipped barn with silo, 5 bedroom house, $125,000, Many other farms available Atkinson Real Estate, 93 E Main St, Gouverneur, NY 13642, Call 315-287-1310 anytime

Large bank barn and silo suitable for pig farm, storage or any other purpose, cheap rent Elverson, 215-M07-5329

Investment Opportunity 2500 Feet River Front on 450 Acres in St John County - Florida 300+ Acres tillable and leased annually Real Estate Holding Corporation Stock may be purchased R Runyon, P O Box 301, Manasquan, N J 08736

Potter County Tavern for sale or lease near Galeton, Pa Phone 814-435 2869

For Sale - 270 acre beef operation, 145 tillable in grain, 25 acres meadow, rest in woodland, 2 houses & barn, Juniata Co 717-436-8309

Farm For Sale - 120 acres, 85 acres tillable, 8 acres woods, 27 acre meadow with stream, red soil with sand content, new broiler house, 54,000 capacity, 22 crate farrow-to-finish operation, 2 family house, N Lancaster Co $470,000 by owner Write Box 215, Manheim, PA 17545

Susquehanna County 34 acres - 20 tillable, some pasture and wooded land 2 story barn plus outbuildings Fronts paved road, stream with excellent pond site $26,000 owner will finance

48 acres - 20 tillable acres now under plow, balance pasture and wooded land Electric & phone available $29,900

Strout Realty
Lenoxville, Pa 18441
Call (717) 222-3898
Write for free lists of farms, homes, acreage

Farm for sale by owner - 290 acrs plus or minus in Bradford Co near Troy 2 houses, 40x100' bank barn, 13 hay 40x80' equipment barn, 2 streams, 1 acre reservoir, excellent hunting, currently used for beef 717-297-3394

For Sale - By Owner - 200 A farm, 96 cleared, 70 tillable, creek, springs, fenced, cross fenced, very good buildings, milkhouse, stanchions, 10R 3B house, orchard, alfalfa, terms possible, trailer hookup, $225,000 Bedford Co 814-784-3158

22 acre farm, 50 miles east of Scranton, PA in Wayne Co Nearly new ranch house, full basement, good condition 2 large barns, need some repair $44,000 or will accept offers Call 315-684-9243

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co, 717-569 1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

For Sale - Perry County, 1 to 8 acre woodlots, approved PH 717-438-3115

Farm For Sale - to settle an estate, 74 acres more or less in Nine Points area Call after 3 P M 717-529-2714

HUNTINGDON CO FARMS

192 acre hog farm, housing for 150 sow operation, farrow to finish, truck scales, 3 grain bins, will hold 35,000 bu, also storage for 2 tractor trailer loads of soybean meal, 2 story home with 5 bedrooms and bath 2nd floor, 4 rooms and ½ bath 1st floor Farm has private lane and borders large creek Owner financing

Colonial Real Estate Agency
814-447-5511

FARM FOR SALE - Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres Fine net income Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO, 717-273 9351

FARMER - INVESTOR 530 acre modern farm, York Co, PA Approx 400 prime tillable acres, flexible terms Leaseback option Respond P O Box 61, Dallastown, PA 17313

22 acre farmette, 12 tillable, block home, located on Wolf Rock Rd, Paradise Twp, Lancaster Co Ph 717-442-4279 eves for details

DOWNINGTOWN CHESTER CO.

17 acre mini farm Ideal set up for horse and or dog trainer-breeder Owner will help finance $215,000

Mary Ann Trone,
REALTOR
215 431-1860

8 ACRE FARMETTE

2 story brick house built in 1797, new bank barn, pasture with spring and stream **Adams Co. $59,000.** 717-632-6968

For Sale - 123 acre farm five miles West of Loysville in Perry Co, Pa 100 acres tillable, stone house, bank barn, & other outbuildings stream in pasture, $175,000 Only interested buyers need call Evenings 717-789-3474

LANCASTER CO. DAIRY FARM

78 acres, Chester loam soils, large silo, pipelines, etc.

Write Box 366L-154
Lancaster Farming
Lititz, PA 17543

COLUMBIA CO., PA.

Farm For Sale - 30½ A, 8 room house, barn, 3 bay garage, other buildings, scenic area, flat and tillable, ideal for development or farming. Price $65,000

Write Jim Roberts
458 Mill St.
Catawissa, PA 17820
or call 717-356-7161

REAL ESTATE

215 acre bare farm near Constableville, New York Fair buildings, meadowland & woods Would make an ideal (deer-small game) hunting camps location A good snowmobiling - hunting area in winter, recreational place in summer 315-376-2579

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF-5, WEST REAL ESTATE AGENCY, INC, 2728 Murray Ave, Pittsburgh, Pa 15217

EXCEPTIONALLY NICE

Near historic Bedford, Pa, 283 acre farm nestled by a charming covered bridge and lovely Dunnings Creek, 8-room log house with 2 baths, large automated barn, silo, corral, private pond No 4713 WEST REAL ESTATE AGENCY, INC, Office 244 S Richard St, Bedford, Pa 15522, Phone (814) 623-8594

CURRENT HOG FARM

Towanda, Pa area, 145 acre farm equipped for marketing about 1600 hogs every 4 months, could also be used for other livestock or dairy farming with modification, 8 room home with 2 tiled baths, 1-car garage, original barn 40x60, concrete silo, 2 new barns 48x52 and 40x100 for hog production, shop building 20x40, tool shed No A-7892 WEST REAL ESTATE AGENCY, INC, Office 12 Canton St, Troy, Pa 16947, Phone (717) 297-4046 or 297-2777

PRIME LAND

180 acres with dairy setup for 120 cows located in Southern Chester Co The farm is available this summer Call for details and to arrange for your own personal showing

FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

SNYDER COUNTY

150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.

White Deer

LYCOMING COUNTY

90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.

DAUPHIN COUNTY

58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased. Financing at 9%.

NORTHUMBERLAND COUNTY
DEWART

97 acres, river bottom soil, 56 stanchion dairy.

COLUMBIA COUNTY

70 acres, general, 52 acres tillable.

DONALD R. WITWER REAL ESTATE
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

REAL ESTATE

Eastern Bradford Co 56 acres, beef or dairy farm, 7 room plank constructed home, black top road frontage, excellent bank barn with water, pasture is fenced, fields are good producers of hay and corn, all utilities Owner will consider sub-dividing Donald H Barth Real Estate, Salesman Seth Johnston 717-746-1457

Large bank barn and silo, suitable for pig farm, storage or any other purpose, cheap rent, Elverson 215-MO7-5329

REAL ESTATE

BRADFORD COUNTY

185 acre dairy farm About 150 tillable - 47 tie stall barn 16' concrete silo Good farm home dead end private road setting Selling milk to day $169 000 Owner Financing

UNITED FARM AGENCY OF PA. INC.
R.D 1, Towanda, Pa 18848
717-265-5924

EASTERN SHORE

HORSE FARM: Productive 12 stall, dairy barn, stream, 4 paddocks, riding ring on 30 acres plus a 2 story farm house with 3 bedrooms, bath, living room, kitchen and family room. $155,000

ACREAGE: 16 Acres $55,000
11 Acre Farmette $89,000

Caroline Properties, Inc.
P.O. Box 306 Denton, Md.
(301) 479-3600 or (301) 479-3542

SHEETZ REAL ESTATE RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

CENTRAL PA FARM & LAND PARCELS

Over 35 listings including operating farms, farmettes, rural land and recreational land Call or write for a free list. **Watch for complete farm inventory ad next week or refer to last weeks edition.**

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364 1705
Don Myers (814) 422-8111 (Lewisburg) Larry W Platt (717) 568-5563
Mel Rockey (814) 466-6688 (Bedford) Richard D Reed (814) 839-4271

KISSINGER LEONARD & ASSOCIATES Realtors
Frederick J Kissinger, Realtor
William H Leonard, Realtor
245 S Allen St,
State College, PA 16801
(814) 234-4000

SOUTHERN NEW YORK OFFICE

500 GENTLY ROLLING ACRES, 238 tillable New 40x100 barn with 2 concrete silos Three homes, (4, 5 and 10 rooms) Alot for the price of $144,500 terms

NEAT & COMPLETE.. SMALL FAMILY FARM 145 acres 20 wooded balance open Well cared for 35 stanchion barn with plenty of room to expand has new 18x50 unloading silo Also well-maintained is the 5 bedroom home Good milk market $110,000 bare or $223,000 with cattle & machinery

WE ARE PRESENTLY OFFERING OUR LARGEST SELECTION OF FREE STALL FARMS, BOTH LARGE AND SMALL. CALL AND LET US KNOW YOUR NEEDS FREE LISTS

WIMPLE REAL ESTATE
TRUMANSBURG, N Y
607-387-9303

FARM OPPORTUNITIES
BRADFORD CO.

193 Ac., 110 tillable plus 85 Ac. rented ground available nearby, 62 stalls, $179,500.

COLUMBIA CO.

126 Ac. potato, mostly level ground, good stream, bldgs., seclusion, $139,900.

Many Other Available Listings

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717
REALTOR

REAL ESTATE

6 ACRE FARMETTE NEAR ROCKEY SPRINGS

Ideal for horses or kids, large Amish house and barn, suitable for many purposes, priced at only $70,000.

Theodore B. **Pyle Realtor**

100 East State Street, Quarryville, PA 17566
(717) 786-1020

FARMS FOR SALE

NEW YORK STATE - 150 Acre farm on paved road. Showplace Farm! Dairy beef or horses, alfalfa and corn fields, good pastures. Modern home and barns. Close to nice town. $125,000.

112 Acre Farm, 4 bedroom home; two store dairy barn; silo; nice location; all bldgs. in good condition. $100,000 bare or $150,000 w/dairy and equipt.

POSSON REALTY
R.D. #3
Norwich, N.Y. 13815
(607) 334-9727

SIX NEW LISTINGS
DAIRY FARMS - STOCKED OR BARE
FOUR NEW HORSE FARMS - 100 to 150 ACRE

DORN'S MILLS REALTY

Mary Ripley-Broker
R.D.1, Amsterdam, NY
518-853-3206
Kay Yurkewecc - Salesman
R.D. 1, Fultonville, NY
518-922-5441

$110,000

Littlestown - return to nature in this 4 bdrm 2 bath brick farm house nestled on 25 acres 2½ miles to MD line Pre Civil war history many trees and stream on property

$120,000

New Freedom - beautiful 25 acre farm mostly crop and some woods well maintained 3 bdrm house bank barn and other out buildings All in excellent condition

$129,000

Spring Grove - 69 acres m/l, 4 bdrm farm house in private setting beautiful farm ground owner financing 3 out buildings woods pasture cropland

$275,000

Windsor Borough - Picture a farm on a stone home and a frame tenant home on 72 acres with a pond and barns 1400 ft of road frontage poss sub divisions poss owner financing

Ron Bradley Inc. REALTORS® Better Homes and Gardens®
York Office 717 741-4646
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HEMPFIELD MILLS BUILDING
For Rent or Lease
Office, Storage, Silos and Scales
1 - 3 Acres of Land
East Hempfield Twp., Lancaster, PA
717-898-7443

REAL ESTATE

6 ACRE FARMETTE

4 bedroom carpeted frame house, bank barn and other outbuildings. Quiet rural setting. (2) 1 acre lot options.

Southern York Co.
$75,900
717-244-8396

CENTRAL NY FARMS
HERKIMER CO.

New Listing - 402 acre showplace dairy farm, 165 tillable, Honeoye soil, 53 stanchions plus 24 heifers, 2 lovely homes, 20x50 silo, 2 pole barns, full line of machinery, $358,000. Owner will finance.

206 acre farm, 9 room colonial home, 90 head of cattle, pipeline milker, full line of machinery, large assumable FHA mortgage.

210 acre farm, 40x100' barn, huge brick home, machinery included, $100,000. Owner will finance.

107 acre Christmas tree farm, home & large barn, 60 tillable, 40 wooded, $50,000.

Many More Larger & Smaller Farms

UNITED FARM AGENCY
Mohawk, NY 13407
315-866-7909

PENNA FARMS
CUMBERLAND CO.

161 A. GENERAL

Level sandstone soil, 10 room stone & aluminum house, large bank barn. OWNER FINANCING.

HUNTINGDON CO.

166 A. DAIRY

Spacious brick rancher with attached office & 2 car garage, bank barn, implement storage, timber, stream, road frontage, plus 1 room brick school house.

136 A. DAIRY

Bank barn, 20 tie stalls, 300 gal. tank, silo, stream & road frontage - Trough Creek Valley.

"GIVE US A CALL"

Charles Wenger, GRI 263-0945
Wilbert Diehl 258-3231
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GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

CENTRAL PENNA. FARMS

JUNIATA COUNTY

125 acre poultry and hog, 10,000 broiler contract. New ranch house. Call Mr. Crawford.

MIFFLIN COUNTY

225 acre dairy, , 27 tie, 3 silo, financing. Call Mr. Crawford.

PERRY COUNTY

89 acre limestone general, Amish neighbors, financing. Call Mr. Benner.

109 Acres Woodland. Call Mr. Orris.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

REAL ESTATE

WESTERN NEW YORK

"An Area Blessed With Rainfall"

230 acre highly productive dairy farm with 43 stall barn, pipeline milker, bunk feeder, Harvestore silo and 4 bedroom home $150,000 with possible owner financing Good herd of cattle and equip ment optional

60 acre starter farm mostly all tillable with 37 cow barn, silo, tool shed and 3 bedroom home on quiet road $59,000

"SEND FOR FREE LIST OF OTHER FARMS"

Carlson & Becker Ent. Inc.

P.O. Box 470
Sinclairville, New York 14782
Ph: 716-962-5332

LUZERNE COUNTY

76 acre farm - 36 acres tillable, 40 wooded. Very nice 4 bedroom house with cozy fireplace. Large barn. $125,000

BEAUTIFULLY RESTORED farm house on 12 acres. Inground pool. More land available.

GREAT HUNTING 88 wooded acres with A-Frame chalet. Furniture included. $78,000

COLUMBIA COUNTY

89 acre farm - 74 acres tillable, 12 acres woods. Pond, bank barn with horse stalls. Well kept 3 bedroom house with heated 3 car garage. $150,000.

FARMETTE: 24 secluded acres. Spring-fed pond, 4 bedroom house w/country kitchen. Several outbuildings. $65,000

The Gallery

Route 11 - R.D. #5
Bloomsburg, PA 17815
717-784-5100

Jean Johnson, GRI
717-752-5697

Joanna Sarisky
717-458-4219

NY STATE

Steuben-Alleghany Co.

Hornell Restaurant Business, solid an area for over 30 yrs. All equipment, great family business, good money maker CN122

Collegetown - commercial building in excellent location, suitable for any business $35,000. Possible owner financing available CN252

Restaurant/bar business, locally established, about 40 yrs., large parking lot, owner financing available CN253

Carney Realty

Rd 1, Hornell, NY 14843 607-698-2926

139 acre 30 cow dairy, 100 t/a. Call about low interest financing, $200,000.

230 acre fruit farm (modern facilities), owner financing.

46 acres Lancaster Co., zoned agriculture.

23 acres, 4 bay garage, lg. house, barn barn w/new roof & siding.

8 acre farmette, Ephrata area.

98 acre dairy & hog, Cumberland Co., $169,000.

Double stone & brick farm house w/6 acres of land, Cumberland Co., $95,000.

Also modern beef barn can be included.

FARM & HOME REAL ESTATE

Smoketown, PA
717-291-2270

Sylvester Baum
Carlisle
717-776-3967

Mahlon Oberholtzer
Lancaster
717-392-1177

Broker-J Irvin Denlinger
717-898-8962

REAL ESTATE

REAL ESTATE

Heart Of Dairy Country

One of the largest selections of dairy and other types of farms in the Mohawk Valley and Central New York. Call for Free Lists.

Farm and Rural Property Specialists
RMS Homestead Realty

Auriesville Rd RD 1,
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GOOD NEWS

A rare opportunity to start your sons on a farm of their own. A fine elderly German couple have enjoyed a happy and prosperous life on this beautiful

185 ACRE FARM

for 35 years, they have no children and will finance it for your sons at a low interest rate if you will arrange for a reasonable down payment. There's living quarters for 2 families in this spacious 13 room, 3 bath modern ranch home, a lake, other excellent outbuildings in Wayne County. Best of all, the price including this exceptional home and outbuildings is only

$1200 PER ACRE

Call anytime to arrange an appointment for the entire family to see it.

KENNETH GROSSE REALTOR

"Farm and Land Specialist"
418 W. Main St., Lansdale, Pa. 19446
Ph. 215-855-1191

REAL ESTATE

24 ACRES WOODLAND

with stream, some road frontage, West Cocalico Twp.

215-267-2594

Today it takes two...PARTNERS and YOU

9 ACRE TRACT - BEAUTIFUL STONE HOUSE

This is a rear find 9 acres with 1850 stone home that could have 6 bedrooms in all Nice home to estore, also stone mill with new roof and 1 car garage Will sell fast at $115,000 Lebanon Co

SOLD

RONALD W KRALL REAL ESTATE
PARTNERS

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ROUTE 422 MYERSTOWN
BRANCH OFFICE
QUENTIN RD , LEBANON
717-273-1631
MEMBER LEBANON CO & BERKS CO MULTI LIST
Each office independently owned & operated

Longacre

DAUPHIN COUNTY

86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/centez auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000.**

MONTGOMERY COUNTY

75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

BEDFORD COUNTY

NEW

200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

BRADFORD COUNTY

260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 room apartment 50 cow tiestall barn, barn cleaner, 800 gal bulk tank, 18 x 55 concrete silo with unloader, 2 corn cribs, large garage **$235,000**

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed. Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000.** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

WOODED ACREAGE

11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY

NEW

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY

149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dining room, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property. $36,000
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000

JUNIATA COUNTY

REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo. Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY

16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000 #309

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm , & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

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2 Story 4 bedroom remodeled farm house, barn and outbuildings on 8 acres with spring fed pond, stream and small pear orchard $49,500.

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M 1172 - 70 Ac., pole barn well, $47,250

M 1172 Farmette barn pond, remodeled home, 12 Ac $47,900

M 1238 10 Ac, $9,000 terms

M 1350 - 24 Ac., $14 600 terms

M 1267 40 Ac old farmhouse $34 000

M 1355 66 Ac., mostly wooded, good hunting, $36 000

M 1352 105 45 Ac., ½ woods, $58,000

M 1354 286 99 Ac., ponds, stream, woods, tillable $165,000 terms

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283 ACRE beef farm - Large barn. 4 bedroom house. Stream. 90 additional acres available.

25½ ACRES with show barn - For horses or cattle. Beef barn. 7 room house.

200 ACRE dairy - With or without stock and equipment. 4 bedroom home.

BLAIR COUNTY

175 ACRE dairy - 31 stanchion barn with room for 12 more. 4 bedroom home.

163 ACRE farm - 35 acres in oak and cherry timber. 30 stanchions barn.

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10 ACRES with large horse or beef barn - 4 bedroom house plus 3 bedroom tenant house.

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#310: OPERATING DAIRY: 62, 18,000 #DHI Holstein cows plus 56 youngstock Excellent 7 yr old split level ranch on seperate landscaped lot, plus remodeled original farmhome overlooking Otsego Lake Remodeled barn plus new addition with 68 large tie stalls plus 6 youngstock stalls 2" pipeline, 1000 gal tank, 18x40 & 20x60 concrete silo w/unloaders, large corn crib, new (1980) 50 ton capacity mix mill Full line of equipment included Good water Excellent location Many extras $385,000 complete Just listed

#259: 400 ACRES, 200 tillable, 40 woods, balance pasture, excellent soil area, considerable road frontage Ranch home with inground pool Plus modern attractive well kept farmhouse 40x80 enclosed equipment shed, several outbuildings 40x80 & 40x30 barn with 53 stanchions and 20 youngstock ties New 20x60 silo Considerable owner financing Asking $285,000 Cows are sold and wants immediate offer

#300: 270 ACRES: 200 open 2 story Colonial home plus older mobile home 2 story barn for 41 cows plus youngstock Several pens, new milk house with tank, equipment shed 14x42 silo with unloader Must see this for the potential in this one Asking $145,000 liberal terms

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Lykens Valley **Price Reduced**

160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo, stream borders large 6 bedroom home, secluded $400,000

Lykens Valley 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

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F1-09 41 acre w/dairy setup, large, fully insulated 11 room house. Bank barn has 17 tie stalls & vacuum pipeline, horse barn, Snyder Co. Only $71,500.

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F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000.

FO-51 General farm in central Snyder Co. 188 acres with over 100 acres tillable. Bank barn and other outbuildings. 2 story, 8 rm. log home with aluminum siding. Only $175,000. Owner financing.

FO-25 Farm consisting [illegible] acres. Near McClure. [illegible]. Approx. 100 tillable [illegible] Owner Financing. $150 [illegible]

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York Co. 95 acres, 80 tillable dairy farm, 2½ story frame home, bank barn, 3 silos, freestall barn and milking parlor need to be completed, $250,000. L-3546

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L-3284 Adams Co 82 acres mostly tillable land, 2400 ft. road frontage. $124,000.

L-3452-9 Gentleman's Farm, Excellent condition throughout, 2½ story home with large kitchen, 5 BR, 2 baths, 40'x60' barn, chicken house, hog shed, presently set up for sheep, area for horses in barn. 3 ac. tillable, 3 ac. woods, 13 ac. in pasture, (10 ac. fenced)

L-3402 Adams Co. horse farm, 100 acres all fenced, 104 x 120 ft. horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool. Nice setting at $310,000. May be purchased without rancher home and 10 acres for $230,000., 12% financing.

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers $310,000.

L-3327 Juniata Co. Dairy, 85 acres mostly tillable, large bank barn, large brick & frame units on Rt. 75 & Tuscarora Creek, additional acreage available for lease or purchase. $100,000. Owner financing available.

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L-3469-1 Adams Co., land 100 acres level 75% tillable, balance wood land. $135,000. Located near 136 acre dairy & poultry farm.

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For Sale- 1½ hp NH and 6 hp Int Call 717-266-2982 6-9 p m

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For Sale- '70 F-700 10' dump, 74 Ford F-350 12' stake dump, 45' storage van trailer, TD-9 loader on tracks, steel shelving & pallet rack. Dauphin Co 717-692-4444

For Sale- JD 14T baler, pto drive works good $350, 2 4 hole gav self feeders for hogs, 1 new $175 for both Shippensburg, Franklin Co After 6 p m 717-532-7002

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For Sale- Cherry Burrell Model Han D 2 bottle filler, good cond Free to good home 2 Schnauzers Lebanon Co 717-964 3097

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For Sale- 17 high producing ewes, mostly Suffolk, horned Dorset ram, FFA project, must sell Priced very neg Lanc Co. 215-267-2553

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For Sale- Waterers for chicks, traps, wire, fish bowl, old bed, feed cart, electric heater Lydia W Nolt, RD3 Box 153, Ephrata, Pa. 17522.

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For Sale- IH 400 cyclo corn planter, liquid fert insect. boxes, no till, monitor, 4 row, ready to plant, must sell, Hunt Co 201-735-7068

For Sale- 1350 lbs good wire fence, purebred Barber Collie pup, purebred Pointer male pup, New Zealand rabbits 717-626-6516.

For Sale- JD H w/cultv , 1 btm, 14" plow, 2 section harrow, York Co. 717-225-4514.

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For Sale- Wagner front end loader for Ford tractor, backhoe attachment from Ford tractor, Lanc Co. 717-733-4606

For Sale- 400 gal Girton milk tank Samuel S King, 90 S New Holland Rd , Gordonville, Pa 17529, Lancaster Co

For Sale- MF 520 wing disc, $1250, 3 pt hook up cultv , $90, 13' Brady field cultv $750. 717-354-0338

Wanted working milk can cooler for Dauphin Co Dairy Fair, call or write Tom Williams, 2400 Fulling Mill Rd., Middletown, Pa. 17057, 717-939 7584

For Sale- Young service age holstein bull, Daniel B Stauffer, RD1 Box 416, Port Trevorton, Pa 17864 Snyder Co

For Sale- 24' Airstream trailer, exc cond also GMC PU 13,000 miles, loaded - Will sell together or separately 301-838-4391

For Sale- Big Dutchman auto poultry, hog & livestock cooling system, $150 & 1469 self propelled NH haybine $3000 Chester Co. 215-273-2195.

For Sale- Proven 2 yr old Dorset ram $100, good size and configuration 717-367-3273 Dauphin Co. after 5 p m

For Sale- Farmer Boy hog unit, model 70 hd 1 yr old-must sell $2800 Cumberland Co 717-532-6819

Straw For Sale. Fayette Co 412-785-6427

Wanted- Information or reply from someone who has Australian terriers 717-648-9053 Northumberland Co

For Sale- NH 24' bale elevator, good cond $495, 8' truck cap with slide-in bed unit $175, NI 7 single-row corn husker $400 Berks Co 215-682-6344 after 5 30 p m.

MAILBOX MARKET

For Sale- Ford 5000 dsl., 8 sp wf, good rubber, good cond $5000 or best offer Cecil Co. 301-658-5712

For Sale- 2 Reg Holstein cows, one due in July, one in Sept One grade cow due in July 717-235 2735.

Wanted- JD 60 pulley & grill or tractor for parts 717-243-4505 Cumb Co.

For Sale- 4 horse Lister dsl. just overhauled $650, Louden litter carrier Sylvan S. Fisher, Paradise R2

Wanted- Small pony safe w/kids, preferably a mare, must be sound. Call after 5 p m Lanc Co. 215-445-4110

Must Sell- Purebred Yorkshire boar. Spirited general purpose horse, free trial. Best offers Raymond Stauffer, RD2 Martin Rd , Stevens, Pa 17578 Red Run, Lanc. Co

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For Sale- 3 hp Quincy compressor, 1 yr. old, 3 hp compressor both good shape, also Morgan stud service Stephen L. Stoltzfus, 351 East Eby Road, Leola, Pa 17540 Lanc Co

For Sale- Top buggy, good cond Lanc Co 215-445-4183

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1 pine hutch, 60" H made from used pine, 52" L boards unfinished, 18' W $140 717-632-9383 York Co

7' Sickle bar mower, ready for the field, extra nice 215-286-9591

For Sale- Owatonna 9' haybine, good cond $950 Ford 2 row 3 pt corn planter, fiberglass fert hopper $225 Berks Co 215-944-0121

For Sale- Dorset & Cross ewes, aged, yrlgs , lambs 1½ yr Corriedale ram reg , yrlng. Dorset ram, lamb rams Montg Co 215-754-7404

For Sale- JD 336 baler/thrower, NH 477 haybine, JD 494A planter, JD FB drill, NI 2 row picker, gravity wagon, roto-hoe, make offer Balt Co 301 374-2020

Jersey-Bull - 17 months for sale or trade for other Jersey Dorset ram for sale or trade Berks Co. 215-286-9676

For Sale- 3 Agway water cups, never used, large curved blade 2½x7' for tractor or truck Extra seat for Scout 717 432-4597

For Sale- Reg Suffolk yrlng ram, also 6 wk old bunnies Lanc Co 717-786-7716

Kittens, free for a good home, Lanc. Co. 215-445-6807 Located between Fivepointville & Bowmansville.

Wanted- Large bell for college chapel, 32"-36" across Please contact W Klemm, RD#5, Box 92, Newton, NJ Sussex Co.

MAILBOX MARKET

For Sale- New 12 volt automotive batteries guaranted 50 mos $35 Ford 302 engine in very good condition, $100 exchange, 944-1007

For Sale- 2 Section harrow $25, 36" sickle bar mower $35, Sears hammer mill $25, Water grate for fireplace Adams Co 717-528-4166

For Sale- Baler, 440 Int, bale thrower, bale tension 301-692-6720 or 301-557-7139 Harford Co

For Sale- Complete set of canvass for McDeering 10' tractor binder like new 201-246 3413 Somerset, N J

For Sale- One grade buck, very nice, crossed bet. Reg Hampshire & Suffolk $100 Hunt Co 814-669-4873

Reg Shropshire ram, Mehhennett bloodlines, proven sire, also lambs and ewes Modern type 215-869-2808 after 5

Wanted- Clipper wire belt lacer, 6 or 8" wide Leon F Ebersol, RD2 Narvon, Pa 17555 Lanc Co

For Sale- Atlas medal lathe, 10x36 auto gear shift, $810 Stoltzfus Pneumatic Box 160 RD 1, Paradise, Pa 17562

For Sale- Set of tires, 7-50 16 front, 16-9-30 rear, tubeless, off 574 Int 70% tread East Earl, Lanc Co 717-354-6310

For Sale- Reg quarter horse stallion, very gentle, bay, 7 yrs old $1,000 or best offer Northampton Co 215-252-6437 after 7 p m

For Sale or Lease Service age bull, sire Elevation Dam EX 92 EEEE at 5 yrs old Records to 24,000 215-857-9757 Chester Co

Shetland sheepdogs, AKC whelped 3-6, sable & white, bred for intelligence & conformation $150 and up Bucks Co 215-949-2015

For Sale- Bred gilts, pseudorabies negative tested 215-445-6284 Lanc Co

For Sale- NI manure spreader, 160 bu Good cond $550 Lanc Co 215 267-4398

Tomato farming equipment - baskets, planters, etc Call after 6 p m 717-665 3103 Lanc Co

For Sale- Old barn timber, siding & boards up to 18" wide, Eli S Ebersol, RD2 Strasburg, Pa 17579

For Sale Reg Appaloosa mare, Blue Roan English or Western, excellent youth horse, $800 firm Mont Co 215-754 6038

Dairy Goat Stud Bucks for sale ADGA reg, Purebred Nubian, born 3/14/81, best lines Patty Kaminski 609 629 1230 Gloucester Co, NJ

For Sale- Hand cut sandstones & old bricks 717-536-3597

Special prices on quality mason shoes & boots Send SASE or call Mrs Daniel Beachy, Rt 9336, Reading, PA 19605, 215 376 5854

For Sale- 5 ton Stoltzfus fert spreader w/40' boom & tarp, exc cond, 3 yrs old 717-367-2667 Lanc Co

For Sale- 1978 Subaru tudor DL sedan, 32-35 mpg, with reg gas, blue with blue interior 717 687 8536 Lanc Co

For Sale- young white rabbits 717-786-7545

For Sale JD 3010 gas motor $650 complete, JD 5x16 plow semi-mt $875 215-598-7357 or 598-7546

For Sale- AC G tractor & Woods mower 5' sickle bar cultivators and plows Clearfield Co 814-342 4917.

For Sale- 1600 pcs 15"x24" slate - like new also 250 pcs 16"x16' hex asbestos slate Lanc Co 717-354-9702 after 6 p m

MAILBOX MARKET

For Sale- Assorted sawmill parts - pulleys, headblocks, carriage, bearings, etc, (all Frick) Also wild cherry & walnut lumber 717-872 5786

For Sale barn siding, large barn beams, other lumber, shovel harrow, concrete watering trough, feed bin, used tin, and concrete blocks, Lanc Co 717-295-9298 eve

For Sale- 50 cow rectangular wall mounted breeding chart, 717 426 3689, $50

Wanted- wood and gas or wood cookstove with warming oven 2 glass French doors, Bedford Co 814-735-4538

For Sale 3 yr old gelding, 15 1 hands, sound & broke, good trail horse, Lanc Co 717-626-5995

For Sale- Saddle bred horse buggy, w/papers, traffic safe, sound & stylish, 215 445 4282

For Sale New Holland 24 ft elevator in excellent condition, ½ price of new one, Lycoming Co 717 398 1459

For Sale- Three barrel trailer sprayer with hydro roller pump, also New Idea 12A manure spreader, Berks Co. 215 526-4411

For Sale 23 New alum sheds various sizes 1, 500, 201 846 9643

For Sale- 1972 Ford Econo Van - 200 needs body work and inspection, $900 Berks Co 215 777 1013

For Sale D2 Sauder loader and bracket for MF tractor 255-265 or 275, 20 white turkeys, 4 wks old buy 1 or all 20 Lanc Co 717 653-4470

For Sale- Nurs ette machine model 30 in working condition, $50 or best offer 717-272-5026, Philhaven Farm, Lebanon Pa

For Sale- 767 Super-chopper grass pickup, two row corn head fits 702-709 Uni Harvester, like new, $6500 Cumb Co 717-776 5672

For Sale- 660 Case combine with 10' grain head, runs good and looks good, Franklin Co 717-532-6687

For Sale- New belt pulley fits JD 1010 to 42000, 320, 330, 420, 430, 435D Fulton Co 717-987-3421

For Sale IH 46 baler, needles, noter assembly and other parts, 717 672-2425

For Sale- NH 56 hay rake, good condition, offset wheels, Van Dale silo unloader, Union Co 717-524-4901

For Sale- 1165 bu gravity bin on running gear, Jamesway shuttle type barn cleaner, cultipacker and springtooth harrow, 717-529-2549 after 6 p m Chester Co

For Sale- Braco potato harvester, almost new primary webbs, York Co 717 993-2927

For Sale- 203 IH combine mechanically good, some rust, excellent motor, tires, $1500 227 cornhead, excellent condition, $500 or make offer, Sussex Co, NJ 201-383-1072

For Sale- Harley Davidson 350SS motorcycle, road-dirt bike with crash bars, windshield, and lights, good shape, $525 York Co 717-993 6498

For Sale- Purebred Alpine goat kids, $75, sheep $40-60, some lambs, 717-949-2160 Leb Co

For Sale- Woods C 80 tag a long mower with 7' cut, good condition, $950 Chester Co 215-827 7125

For Sale corn silage & straw & hay & ear corn York Co call noon till one, 717-637-8172

For Sale- 1965 Ford Model 350 3 ton stake body truck good tires and motor, $450 Lanc Co 717-392 0066

MAILBOX MARKET

For Sale- AC WD 45 tractor w/saw buck $1375, Case 9' haybine $675, JD FBA grain drill $395, NH 455 mower or wheels $595 all field ready 717 354 0266

For Sale- MF 300 dsl combine, 16 KW, generator 1800 RPM, 24 ventamatic fan, 717-949-3077 Leb Co

For Sale 2 grade Hol heifers due in June, 1 registered Hol heifer due in July Call after 5 p m Bucks Co 215-766-8715

For Sale- The American rifleman magazine 1955 to 1980 all in good shape, $125 609-678-2246 Salem Co, NJ

For Sale- garage doors - 9'8"x17' wooden folding type track & hardware inlcuded, $100 215-298-2974 Lehigh Co

MAILBOX MARKET

For Sale- 1977 Honda CT70, Al condition, $375 201 689 3168 Warren Co, NJ

For Sale- 66 Brockway Truck Tractor, runs $2000 Maytag Ringer type washer, good conditon, $175 215-777-1630 Berks Co

For Sale- 6 Eskimo pups, Jacob E Kauffman, R1 Christiana, Box 282, Along Bell Rd

For Sale- Truck cap for 8' bed with side windows & full rear door, good condition, 717-665 4621 after 7 p m Lanc Co

Hunting lease for 81-82 season, wild geese, 2 pits, 2 ponds Ducks, deer, quail etc 100 acres, 80 A corn $2000 1-643-6125

Antiques for sale solid cherry drop leaf table, 30 piano rolls in exc cond 717 367-7745

MAILBOX MARKET

For Sale- Three-Year old recorded grade Saanen Dairy Goat, good milker, $100 215 944 9945 after 5 p m Berks Co

For Sale- Spotted Poland China boar, $100 Slab wood not cut $6, cut $12 a pick up load Lanc Co 717-354 0192

For Sale- One KBA 24 disc harrow working order - 872 8236 Lanc Co 365 N. Duke St, Millersville, Pa 17551

For Sale- Lambs/will custom raise lambs for your purpose, Dorset stock, 717-658-3511

For Sale- 933 Cat Loader, $6000 JD A $1000. Pay-Pac Harvester, $250 Northern York Co 717-774-3369

For Sale MF 410 combine grain and cornhead not quick att, good shape, Berks Co. 215-682-2303

MAILBOX MARKET

For Sale- Massey Ferguson Super 90 gas tractor, 68 hp new 8 ply, rear tires & 6 ply front tires, good condition, York Co 717-432-3067

For Sale- Reg Quarter mare, 6 yrs old Skipper breeding Due to foal June Also 2 month old horse cold Dude breeding, Juniata Co 717-527-4930 evenings

For Sale- Reg Dorset lambs, born in Dec Chester Co 215 383-5494

For Sale- NH #477 Haybine in very good condition, $2300 Sylvan B Lapp, RD1 Box 26A, Atglen, PA 19310

Wanted- Rabbit cages, feeders and waterers, cages must be in fair condition, 18" high x 36" long x 30" wide Ephrata, Pa 717-733-3538

MAILBOX MARKET

For Sale- AC PTO, pull type combine, 5 ft cut, good condition, kept inside, $300 Lehigh Co 215-799-3082.

For Sale- 4-McCormick Deering 7 ft mower knives, all new blades, good as new for $28 each Elam E Lapp, Christiana #1 Pa 17509, near Bartville

For Sale- Manure loader to fit Farmall M or H, in good condition No reasonable offer refused Lanc Co. 717-354-8370

Couple wishing to rent two bedroom house or apartment in Leola, Intercourse or Smoketown, beginning June 1, 717-786-2805

Wanted- Fill, rocks, stones, dirt, concrete, 20-30 truckloads, Martic Forge area, Lanc Co 717-397-8472 after 6 p m

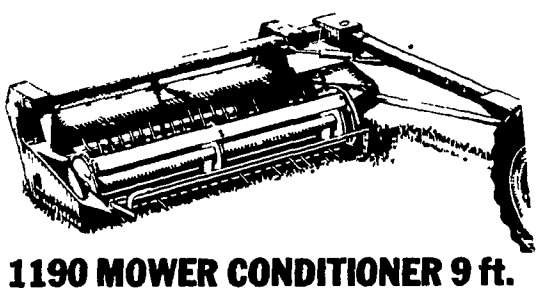
PRICES SLASHED
ON USED TRACTORS AND EQUIPMENT

	Reg	SALE
International 455 4 Row Planter, Double Disk w/insecticide	1600.00	1400.00
International 544	5150.00	3995.00
Ford 8N	2000.00	1595.00
B-275 Diesel, 3 pt Hitch	2250.00	1595.00
Farmall Super MTA, P.S	2500.00	1895.00
Farmall 460	2750.00	2195.00
International 205 Combine with 13 Foot Platform, Pickup Reel, 72 Model	7550.00	6950.00

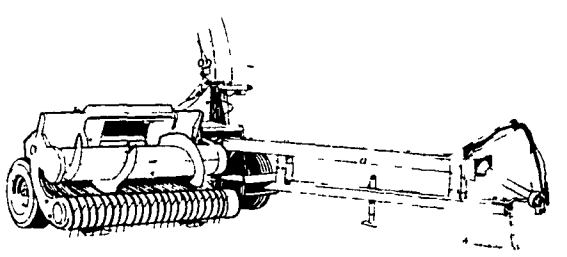
	Reg.	SALE
John Deere 336 Baler w/#30 thrower	$4500.00	3595.00
John Deere 14T Baler	750.00	495.00
Fox I-546 Harvester w/2 Row Row Crop & Pickup	1850.00	1095.00
IH #50 Forage Harvester w/Row Crop & Pickup, Engine Drive	2500.00	2000.00
Papec 54" Forage Blower	650.00	495.00
IH #1150 Grinder Mixer	3450.00	2495.00
Grove 16 foot Forage Box	1500.00	795.00
IH #40 Manure Spreader	750.00	495.00

NEW HAY SPECIALS
★ We're Ready to Demonstrate
★ We're Ready to Trade
★ Try the Best At the Best Price

WE WILL NOT BE UNDERSOLD



1190 MOWER CONDITIONER 9 ft.
$5675 Plus An Additional Customer Cash Payment $500



720 FORAGE HARVESTER WITH HAY PICKUP
$7985 Plus An Additional Customer Cash Payment $925

MODEL 35 HYDRAULIC DRIVE INTERNATIONAL RAKE
This machine will both rake and ted $2095 Plus An Additional Customer Cash Payment $140

CREAM PUFFS
Int. 1460 Axial flow combine - used 490 hours, w/6 row narrow corn head
Int 1066 Diesel completely rebuilt, very, very clean
J D. 4030 Diesel 77 model 495 hours.
A.C. 190XT Series 3 with cab, 2100 hours, outstanding condition

ANNOUNCING WAIVER OF FINANCE
TILL JANUARY 1, 1982:
★ 2250 Mount-O-Matic Loaders
★ Manure Spreaders
★ Grinder Mixers

TILL SEPTEMBER 1, 1981:
★ Grain Drills
★ Chisel Plows
★ Moldboard Plows
★ Field Cultivators

SPECIAL PRICES ON SELECTED NEW TRACTORS AND EQUIPMENT

2250 International Mount-o-Matic Loader	$2195
384 Diesel Tractor	$8750
484 Diesel Tractor	$10,880
584 Diesel Tractor	$11,950
584 Diesel Row Crop Tractor	$12,250
84 Diesel Hydro Row Crop Tractor	$14,300
884 Diesel Row Crop Tractor	$16,300
786 Diesel Tractor	$19,500
1086 Diesel w/Roll Frame Tractor	$27,900

NEW 1980 MODEL INTERNATIONAL 1754
180 hp. diesel, 26,000 G.V.W., 206 in. wheelbase, dual 51 gal. step tanks, P.S., 5 speed transmission, 2 speed rear, 10:00 x 20 tires.
$19,750

USED TRUCK SPECIAL
1975 International 1700, 205 inch wheelbase, 26,000 G.V.W., P.S., 5 speed transmission, 2 speed rear, reinforced frame, tilt hood, 404 engine, inspected, good condition.
$5995

HERITAGE INTERNATIONAL INC.
★ TRY OUR CERTIFIED SERVICE
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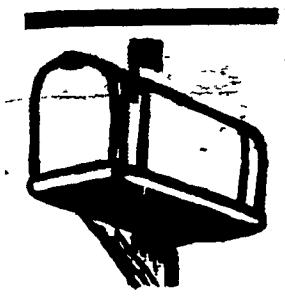
PHONE 717-733-2283
★ WE HAVE PARTS TOO



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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

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Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale- JD F125 4x16 3 pt plow $550. Oliver 2x14 3 pt. plow, $150. Sch Co. 717-648-9022

For Sale- 5 yr. old standardbred carriage horse, over 16 hands, sound. Titus Z Martin, East Earl, R2 Pa. Lanc. Co.

For Sale- Wooden outside toilet, can, move easy, good shape, 717-354-5039 Lanc. Co

For Sale- 1 pair rear Tractor steel wheels, 26" hub $225, Ben A. Fisher, 10943 Mowersville Rd., Newburg, Pa 17240.

For Sale- Electric & coal stove combination, top & grades in very good condition, 717-776-7692.

For Sale- Aluminized steel silo roof for two 16 ft Silos an tripod for two, like new, $800 215-267-7349

For Sale- 478 New Holland Haybine, 620 John Deere tractor, 56 New Holland Rake, New Idea Cut-ditioner, Lanc Co 717 859-2792

For Sale- '65 Ford truck 3/4 ton w/trailer hitch, '66 Ford truck 1/2 ton for parts, $600. 717-665-5824 Lanc Co

For Sale- Rebuilt 471 GM Diesel Power Unit, 717-354 0449

For Sale- Two used 18 4x38 rear tractor tires, good shape and cultivators for a Farmall Super C. Perry Co 717-834 4587.

Wanted- Lily Lamp with 1 to 10 shades on Lily pad base, must be signed Tiffany Studios Balt. Co. 301 374-4177

For Sale- One McCormick Deering 15-30 and one Farmall F-30 tractors, Both running, 717-423-5950 after 4 p.m

Wanted- Used 10' silo unloader and roller mill, 717-364-5522.

For Sale- White 543 4 row corn planter, no fertilizer, planted 110 acres, $3000. Luz. Co. 717-256-3452

For Sale- Ford haybine, New Holland 717 chopper 2 heads, International H tractor, Massey Harris 30 tractor, 717-675-2687.

For Sale- 20 old time paper weights, $250, firm, will pay postage for shipping, 301-374-4724 Falto Co.

For Sale- JD No 2 bale ejector without remote hydraulic cylinder $150. Northampton Co. 215-252-7659 after 6 p.m

MAILBOX MARKET

For Sale- 33 wire rabbit pens with some homemade feeders an nest boxes, self watering for 75 pens, $150 Berks Co 215-589-5228

For Sale- JD Hay Crimper, good shape, Lanc. Co Joseph H. Beiler, R1 Box 141 Drumore, Pa. 17518

For Sale- TO20 Ferguson tractor, 3 pt hitch, heat houser, new rear tires, call after 6 p m York Co 717-993-2142

For Sale- Oak veal calf pens, $12 50 each - you disassemble 301-658 6938 Cecil Co., Md

For Sale- Ford 8N Tractor, rebuilt engine, new starter, gen , muffler, new paint A-1 cond , field ready, $1800 or best offer, Leb Co 717-865-2870

For Sale- Feeder Steers, 7 Angus & Holstein and 2 Holstein. Approx. wt 375 - 400 lbs 717-349-7281 Franklin Co

For Sale- Cherry- walnut and ash logs, make offer, John M. Hostetler, Reedsville, Pa. Box 123, RD # 17084

For Sale- Sex Sal Link pullets, 21 weeks old in August $3 05 each Order now for this price Israel S Stoltzfus, Kirkwood

For Sale- 3 Surge milker, 50 lb pails with electric pulsators and timer and some parts, $200. Daniel M. King, Morgantown, Pa RD1 Box 100, Red School Road. 19543

For Sale- 7½ h p Lister Diesel, working condition Also 8 can cooler with copper bottom. Leroy B Stoltzfus, Paradise RD1 White Oak Rd., Box 185, 17562

For Sale Two seated Mennonite carriage, Lanc. Co 717-656-8531

For Sale- Fox Terrier pups, ready to go in 4 weeks, nicely marked black & white. Place order now John K. Esh, Rt 1 Kirkwood, Pa. on Liberty Lane.

For Sale- Myers mower-conditioner with 8' IH mower, balanced head, like new $1000 or best offer, extra knives, 215-285-6313 Berks

For Sale- Insecticide attachment for JD 494 corn planter, like new, $100 201 689-3332 Warren Co. NJ

For Sale- Parts for 1972 Chev Malabu, radiator exhaust system, back bumper, front floor mat, back seat, 717-374-4401

For Sale- Pittsburg 12' Disc harrow, McConnell 20' cart type harrow, 3000 gal truck tank with meter, hose & reel, Luzerne Co 717-256-3309

Wanted- Old farm, camp, or land in North Central and North East Penna Must be in good hunting and fishing area 215-799-4467.

For Sale- 1972 Chevrolet cab, and chassis, liscenced for 30,000 lbs, new paint, $3800 1971 Super Beetle, sun roof, $850 717-426-2181

For Sale- Milk tanks - 800 Mueller Hi-form, 600 Jamesway, 600 Milkkeeper, 264-6007 Franklin Co.

For Sale- New Holland Model 65 baler with thrower, good condition, 717-378-2315 Wyoming Co.

For Sale- Soybean Seed, Jakes 106 - Williams 1980 Certified seed (cleaned) Monroe Co 717-629-0777

For Sale- Quarter Horse mare, 3 years, professionally trained, exceptionally good disposition, fast learner, AQHA registered, Chester Co 215-932-4728,

For Sale- 2 yr old Reg Morgan Stud $1200 Greenbroke, 1 set metal pickup truck racks, like new $150 301-432-8292.

For Sale- Farmall A, good condition, Chicken slats, 717-872-7659

MAILBOX MARKET

For Sale- 12x65 mobile home, 10x50 home, $400, nest, hog feeder, nice heifer due soon Call 717-733-6802

For Sale- COMBINE-Int 315, 12 ft grain head, exc condition, $6000 Service age bull, reg Red Holstein, $600 Montgomery Co 215-754-7637

Wanted- Whizzer motor bike or parts or old Schwinn bikes 717-354-9127

For Sale- Lime, fertilizer, chicken manure spreader mounted on C750 Ford, air brakes, 5x2 transmission, good condition, Perry Co 717-444-3784

For Sale- AC 6G track loader, $4000 Eddie-301-398-3231 Cecil Co , MD

Amish girl, 24, desires lawn, garden jobs or cleaning, ½ mile east of Ridgeview Mennonite Church, 3841 Ridge Road, Gordonville, PA.

For Sale- JD H manure spreader, $200. Co-op, 3 section disk plow pull type, 32" disks, $80 Montgomery Co. 215-679-2176.

For Sale- Hay Rake - Ford w/3pt hitch $350. 2 Platform scales - $100 each One to 600 lbs /one to 300 lbs 301-734-7769 after 5

Wanted- JD 70 3 pt must be in. good cond , 215-257-7491

For Sale- 350 JD crawler with industrial loader and ripper, Lanc. Co 717-733-8239

For Sale- Winter cab to fit wheel horse garden and lawn tractor Reasonable price Honda trail bike 90 Excellent cond , 2000 orig miles Lanc. Co 717-872-5263.

For Sale- Poultry Equip 18- 8' Shenandoiah waterers, wagoner floor feeding system with 3 hopper bins and gear boxes, 717 374-1285 or 717-374-1623 - Snyder Co

For Sale- New Holland 975 Combine, 13 ft grain head with cab Columbia Co. 717-458-6828

For Sale- 2 row Stauffer transplanter in exc cond Wanted- Oliver corn picker, 73H for parts with good wagon elevator Cumberland Co 717-532-7922

For Sale- A very nice 6 month old Simmental bull calf sired by "Beat" 301-848-4736

For Sale- Wilson 375 gal bulk tank for parts NH 331 spreader for parts NH 28 foot bale elevator, 717-966-2357 Union Co.

For Sale- Farmall 400D engine or hole tractor, 717 NH chopper, Farmall H block, Augusta Co 703-363-5383.

For Sale- 8000 BTU Fedders air conditioner, 115 volts, 12 amps, $50 Coldspot Dehumidifier, $25 717-845-8285 York Co

Wanted- Three point hitch - 2 row Ford cultivator, Schuylkill Co. 717-889-3653 after 6 p m

For Sale- Jersey 1st Calf heifer, fresh 4/30/81 Easy Milker, $550. Northampton Co. 215-588-3082.

For Sale- Books, studying the German Language, $3 each "Winning the West" by Theodore Roosevelt, $75 Howard Eastland, Jr., R1 Box 339, Port Trevorton, Pa 17864.

For Sale- Antique tractors and horse-tread, 717-549-3185 Tioga Co , Pa

For Sale- Massey 410 gas combine, 16 ft head IH 4 bottom roll over plow, 609-259-7225 Monmouth Co , NJ.

For Sale- Tennessee Walking Horse Gelding, 16.2 hands, Dark Bay, 5 yrs. old, $850 Cecil Co Md 301-398-0923

For Sale- IH manure loader, fits C, Super C, 200, 230. IH fast hitch, 2 bottom, 14 Inc Plow New Holland 357 grinder-mixer, Col Co 717-784-5261

MAILBOX MARKET

For Sale- 1975 Int truck, 478 motor - new 14' Omaha dump grain bed, new engine, new tires, extra sides and tarp, $10,000 Cumberland 717-532-2935

For Sale- 1975 Gleaner M Combine, good condition, 15 ft. grain head, Burlington Co , NJ 609-298-0823

For Sale- Two new never used 9x15 A/T Tracker Tires by Goodyear, Harford Co Md 301-692-6920

For Sale- IH 816 mower conditioner, 7 ft , good condition, $475 Call after 6 215-679-6588 Lehigh Co.

For Sale- Truck bed - 20 ft Omaha 5 ft grain sides - twin cylinders, reservoir tank & pump, fold up cattle racks, very good condition, $4000 301-692-6364 or 301-692-5629

For Sale- Westgo rock picker $1100, Pioneer chain saw, $50, 469 NH haybine knife, $35 12 Pioneer made hyd. fittings, $2 Chester Co 215-286-9391

For Sale- Corriedale ewe, 6 yrs , registered, very tame, produces excellent wool plus lambs, $75 Franklin Co. 717-328-2614

For Sale- 3 Toggenburg doe kids, can be registered, 8 weeks old, 2 grade kids 717-949-3638 Lebanon Co.

For Sale- 6 Brillion culpack seeder, exc cond Pratz mixer, good condition after 6 p m 717-477-5520

For Sale- Avocado refrigerator, good cond , used generators for garden tractors standby, one PTO on cord Lanc Co 215-445-5309

For Sale- 1½ story shed to be removed, best offer 215-445-4521. Lanc. Co.

Wanted- Windmill any size, in useable condition State price and condition. Yoder's Handle Shop, RD I, Meyersdale, PA 15552 Somerset Co.

For Sale- Stauffer 2 row tobacco planter, 2 seated carriage on tires Lancaster Co 717-733-4423.

For Sale- MINI LOP rabbits, with papers, $25 00, very loveable pets, NZW with papers, $10-Ce Co , MD 301-885-2134

For Sale- 15 old cars, 1930 to 1962. Cecil Co 301-398-3805

For Sale- Australian Shepherd, 7 month old female/papers Blue Merle Housebroken, affectionate $75 Sch Co 717-366-1777 or 717-385-3071

For Sale JD 720 diesel tractor, ps, pony start, A-1 tires and paint, $2200 Fred Co 301-775 7678

For Sale- 24" wood planer, good shape, $600 301-482-6963 Caroline Co , MD

For Sale- used M&W turbo charger for JD 4020 diesel tractor, complete, 814-445-8710 Somerset Co

For Sale- Furry, carpeted Dodge van, excellent condition, $2700 Great looking, gentle horse, 5 yrs old, $475 Northampton Co 215-767-3979.

Wanted- rotary mower for Farmall Cub, Burlington Co. NJ. 609-758-7272.

For Sale- 11½' aluminum boat, class A trailer, spare wheel, 3½ h p motor, oars, preservers, anchor, $450. Lancaster Co. 717-397-2376

For Sale- Male AKC Collie, 6 weeks, also AKC Collie stud service Elvin Hess, Conestoga, PA (Lancaster Co) 717-872-5522.

For Sale- Reg yearling Angus bull, ready for service Cumb Co 717-776-5931

For Sale- 5 yearling Holstein heifers, vaccinated and dehorned, 3 yearling Holstein steers, home raised Cumberland Co 717-258-6139

MAILBOX MARKET

For Sale- Like new storm front carriage and 354 NH grinder mixer, good cond , C L Esh, R1, Box 181 Newburg, Pa 17240

For Sale- Farmall Cub tractor with C-3 Int mower 58" good cond , $1500 Belt pulley for cub, $75. 215-495-6662

For Sale- 60 sawed locust posts, also JD crimper $110 Cumberland Co. 717-532-5221

For Sale- 14 ton hopper bin, 55'x8" PTO transport auger 2-300 bu J M. Gravity wagons, 13 ton gear, Girette man lift, all the above new, Franklin Co. 717-762-4985

For Sale- Cargill isoletes comp w/concrete flooring fencing, heater, waterer & feeder, ready for immed use 717-872-8508

Wanted- Canvas for a McCormick Deering grain binder, Lanc Pa 717-548-2676 South Lanc Co

Wanted- Tandem dump trailer Steel or aluminum Any length, For Sale- CA Allis Chalmers, Lanc. Co 717-665-3865

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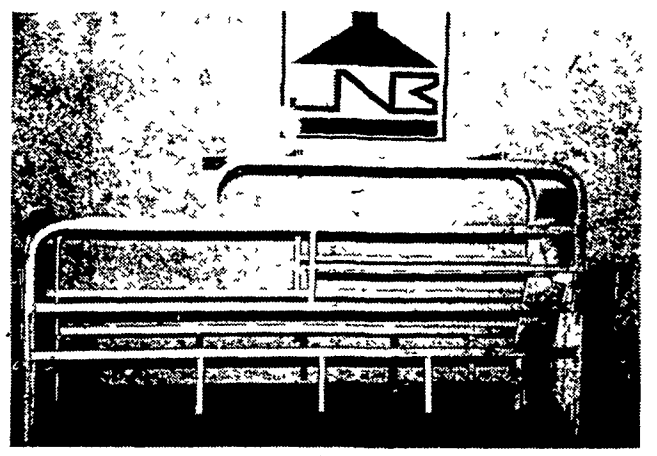

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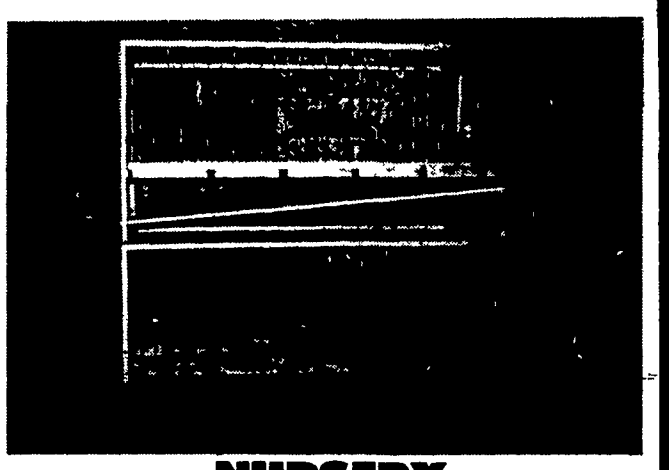

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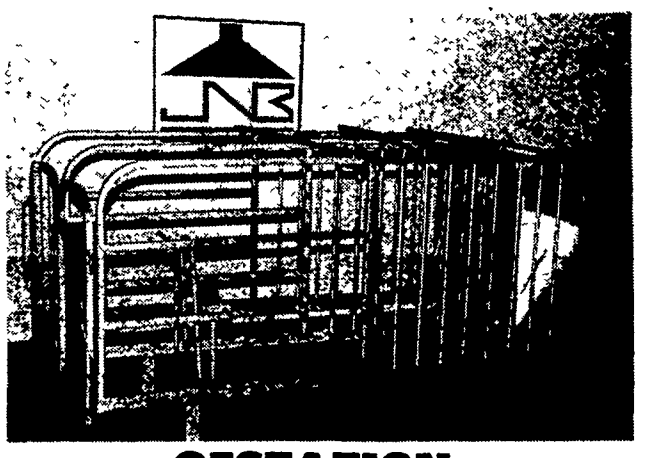

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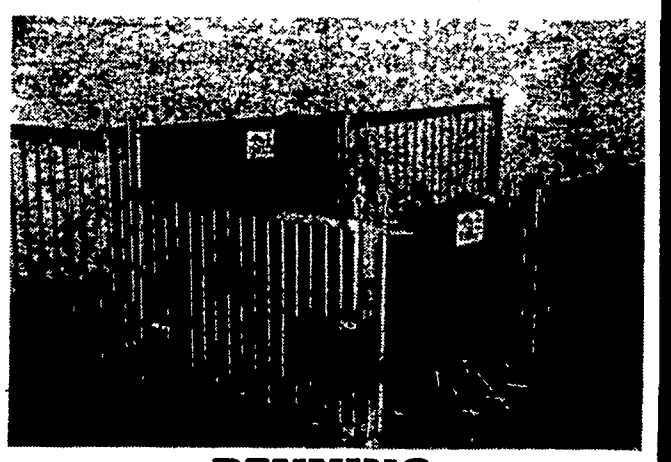

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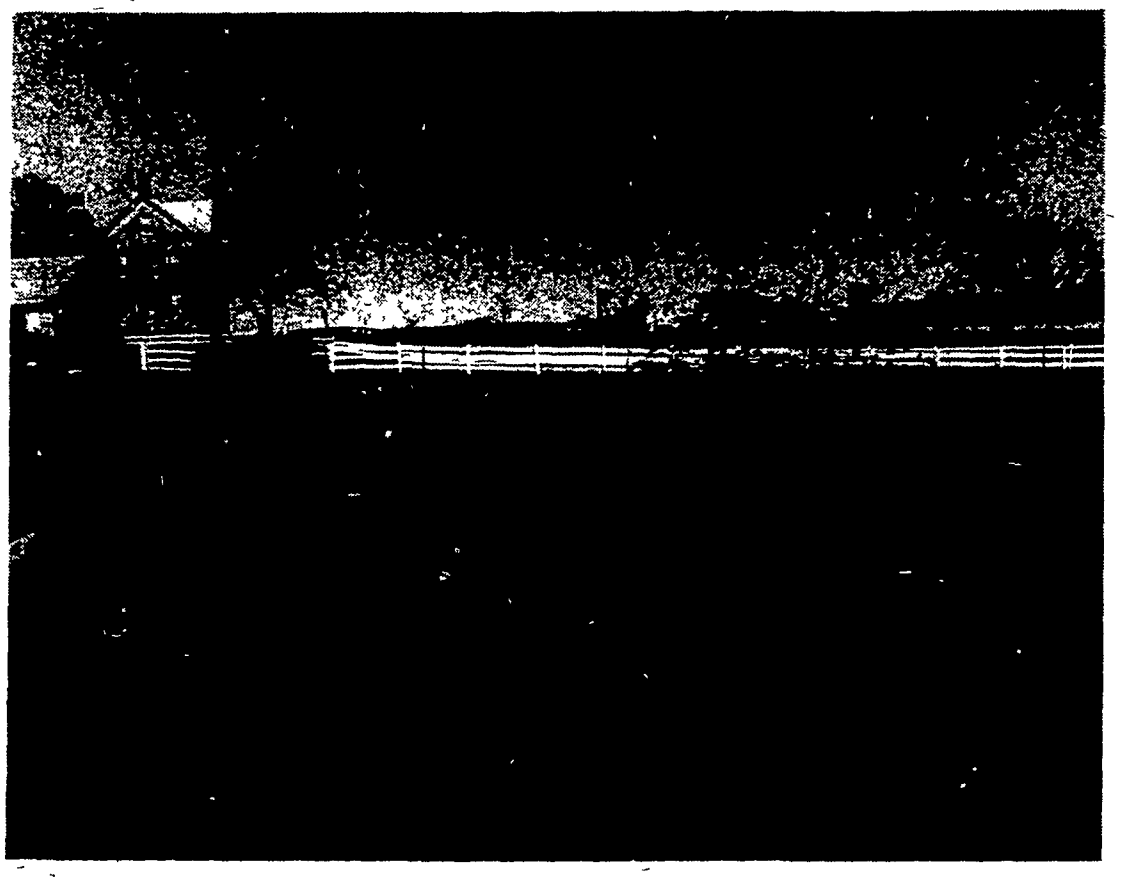

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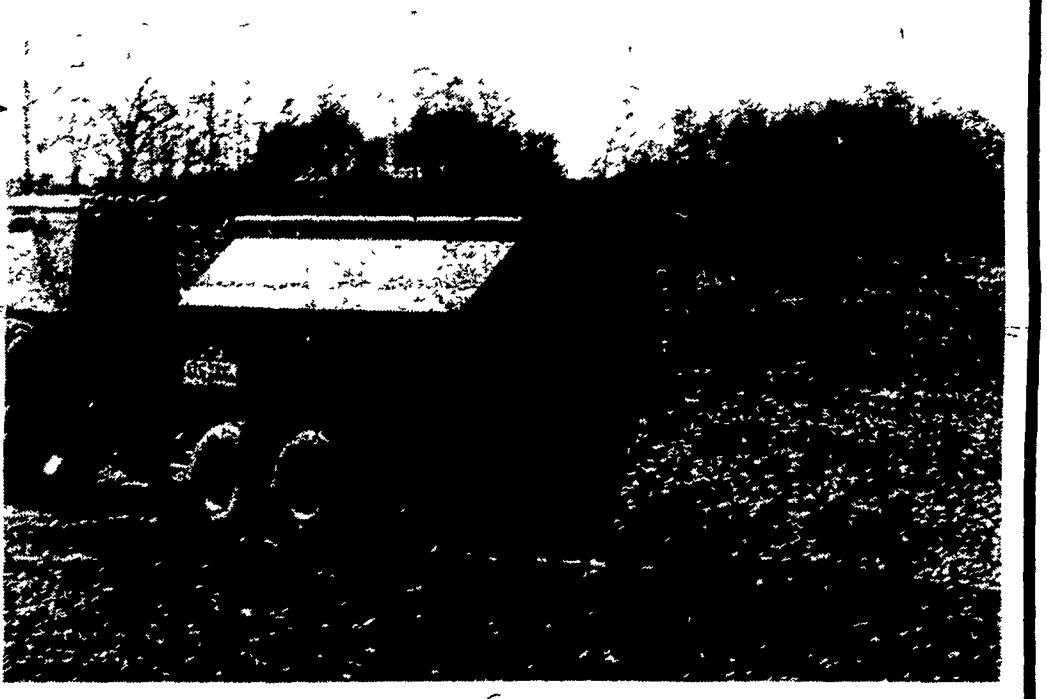

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Asparagus, a vegetable worth cutting

BY SALLY BAIR
Staff Correspondent

Many delights come with the arrival of Spring and the onset of gardening but asparagus has to rank as one of the richest pleasures of the season. Nothing can quite compare with fresh-from-the-garden asparagus, cooked to perfection and covered with melted butter.

Unless you grow your own, you probably have little idea of the hard work involved in getting that garden fresh delight to your table. Mr. and Mrs. Vance Bricker, Carlisle R1, devote their entire spring to providing asparagus for enthusiasts.

Asparagus is one of the earliest vegetables to creep through the soil and Alice Bricker says you can begin cutting as early as the first week of April, depending upon the weather. Her first day for cutting this year was April 6, although last year cool weather postponed the first harvest until the third week of the month.

Once the first cutting begins, asparagus harvest is an every day including Sunday job. The Brickers are cutting off of 10,000 plants, with an additional 5,000 in the process of maturing.

There are three regular cutters including Alice, husband Vance and their good friend Edna Brehm. During the season their day begins at 5:45 a.m. when they "go through the whole patch." While the total amount of time varies throughout the season and depends upon the weather, Alice estimates that it takes about three hours daily. Cutting stops from 7:00 a.m. to 8:00 a.m. while Edna and Alice each go home to get their school age children off to school. Usually it continues until 10:30 a.m.

The cutters go through the rows, two at a time, using a sharp cutting tool to cut the plants at ground surface. Of course, this means a lot of bending. Alice says, "You need a strong back." On a good day they might cut 200 pounds of asparagus.

When the cutting is finished, the work is just beginning. Next Edna and Alice work to "bunch" the asparagus in small parcels of approximately 3/4 pound each. This is an estimate, and the bunches are weighed when they are picked up by customers. Each bunch is secured by a string, then stood in trays with metal mesh bottoms. After being hosed down to wash off excess soil, the bunches are stood upright in trays of water until customers arrive.

The only waste in the operation is cutting off the ragged ends before they are sold. While these are usable, the Brickers discard them. But Alice adds, "At the bottom of the spear, you can peel off the hard part and then it is soft enough to use."

As they sort out the asparagus for bundles, there are skinny, fat and otherwise malformed asparagus spears left on the table. These are then cut up and offered for sale as is, or used by Alice and Edna, both of whom claim they never tire of eating.

The two women work easily together, with animated chatter making the work load seem lighter. Alice says Edna is the sister she never had. When customer arrives for an order there is pleasant conversation as the work continues.

All asparagus is sold by order, with customers calling two weeks in advance to place their orders. They are then notified on the specific day theirs is ready.

Alice says, "There is none sold wholesale. We never have any sitting around." Indeed a drop-in customer cannot expect to acquire even a bunch of asparagus except by luck.

Alice tries to have all the asparagus picked up by noon, then it is "good and fresh." It also frees up her afternoon for hoeing strawberries, her other intensive business in early summer.

Customers come from as far away as Annville in Lebanon County and Maryland. Alice states, "Some customers repeat but each year I get some new ones."

She feels there is an unlimited market for asparagus and admits that she could sell far more than she has. However, she says she has no desire to expand, preferring to keep the operation a size that she and her husband can handle with just a little extra help. She says there is no local competition in the asparagus business.

Both Alice and Edna agree that the most important thing in cooking asparagus is not to overcook. While Alice contends it is not necessary to blanch the asparagus before freezing, she tells those who do they should put the asparagus in boiling water just until it turns a different shade of green, about one minute. Then it should be plunged into ice water, drained and frozen.

Alice prefers her asparagus in a casserole. She puts one layer of partially cooked asparagus into a greased casserole, adds a layer of hard cooked eggs, then spreads some cheese soup and repeats each layer. This is topped with bread crumbs and baked at 350 degrees for about ½ hour.

Edna says she prefers her asparagus simply cooked and served with butter.

Alice says she tries to find time to freeze about 40 packs a year for her own use, but adds, "I get the little stuff chopped up."

This year there was a frost which

(Turn to Page C4)

Vance and Alice Bricker pose by the sign which identifies their asparagus and strawberry business. Alice says the strawberries are her husband's and the asparagus crop is hers. They work together on these spring crops with a schedule which leaves little free time.

Edna Brehm weighs a bunch of asparagus before it is sold. All the asparagus is ordered in advance, with customers notified when their order is ready.

Alice and Edna show the technique for cutting asparagus in the field. Alice says, "It takes a strong back." Cutters take two rows at a time as they move through the field. The Brickers cut from 10,000 plants.

The cutting tool employed by the Brickers works easily to cut off the asparagus spear as a first step in the marketing process.

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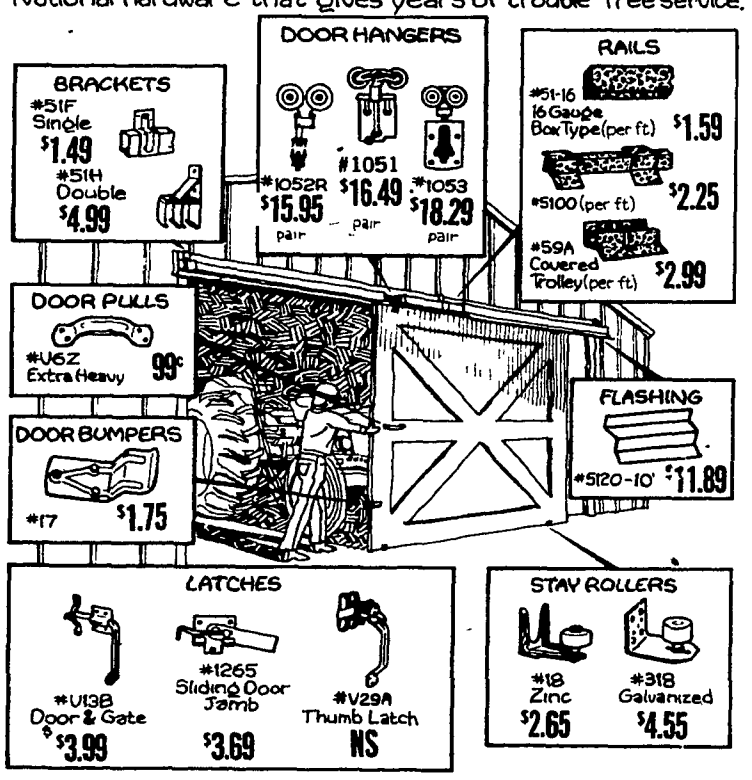

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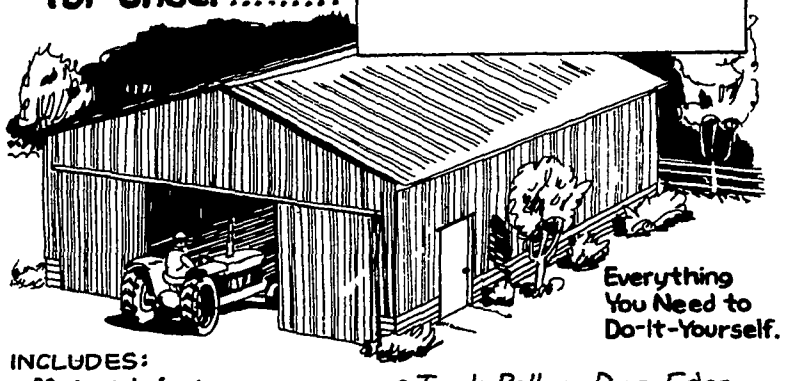

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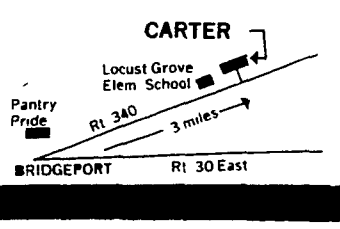

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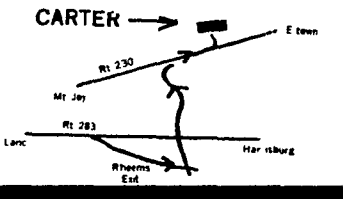

F.W.S. Calendar

Monday, May 25

Berks Society 5 meets at the home of Anna Moyer to hear Dr. Rothermel, chiropractor

Wednesday, May 27

Lancaster Society 24 meets at the Farm and Home Center for "Miracles of Nature" by Mr. J. Carl Nolt

Thursday, May 28

Lancaster Society, Lucille Buckwalter, tour Glen Landvater home

Lancaster 11 to entertain Society 1 at Quarryville United Memorial Methodist Church

Lancaster Society 28 to tour Herr's Potato Chips

Asparagus

(Continued from Page C2)

wreaked havoc with the crop, necessitating going through the fields and cutting all the tips which were up - "anything that was through the ground," Alice explains. This, of course, delays harvest until tips can grow out again.

Alice says there is an old saying that you can cut asparagus until June 21. "I don't know if there is any truth in it," she states with a laugh. She doesn't test the theory, however, because the Brickers stop harvesting their asparagus about the first week of June when their pick-your-own strawberries take over the bulk of their attention.

When the last asparagus is cut, the Brickers go through the field and cut off everything that is showing through the ground. "We cut all the buds off on the last day and then spray it for weeds. Then we let it grow up and it comes back into ferns," Alice explains. The ferns are cut off after the first frost, then left on the field. "Just plain manure is added in winter," Alice adds.

Asparagus patches can last about 15 years. "They'll begin to go back after that, but you can hold a patch a long time," Alice says.

Tending asparagus and strawberries sounds like strenuous, time-consuming work, but Alice likes her life. "I enjoy it. I really do. I like to be out. But we do get days when we think we are never going to see the end of it."

The Brickers are relatively new to the asparagus and strawberry business, having begun about five years ago when they decided to disperse their dairy herd. Despite their recent entry into the market, Alice's experiences with both crops are old. She recalls, "My grandparents had always grown asparagus. I had to cut it as a kid. I had to help out when I was in school. Oh how I remember! It wasn't anything we went into not knowing anything about."

The strawberries cover about 100 acres, with the Brickers starting 20,000 new plants a year. A patch lasts two years, Alice explained. She said going into the pick-your-own business was not difficult. "We had everything set up and had it planned the year before." They enjoy pick-you-own, and Alice explains, "We don't have any loss from it. We give them the carrier and the boxes. We'll start them down a row, but if they want to go somewhere else it's alright. Bossing doesn't work. It all works out real well."

They pick strawberries from 6 a.m. to 9 p.m:, every day but Sunday. All their varieties are freezing varieties, and Alice states, "All our flavors blend. We don't have any preference."

After retiring from the dairy business, the Brickers purchased some sheep to help keep the pasture mowed, and now raise about 30 head of sheep for wool and farm about 215 acres of corn and wheat. They also a have some steers.

They have six riding horses, and Vance rides with the Shrine's mounted patrol.

Alice is active in Farm Women Society 17 and is currently county corresponding secretary. She is also active in Eastern Star and she and her husband are members of the Allen Church of God.

The Brickers work very intensively with their asparagus and strawberry crops, but their produce is much appreciated and they enjoy the way of life which allows them to enjoy the outdoors at one of the most beautiful times of the year.

Farm Women Societies

Lancaster Co. Society 3

The monthly meeting of Society 3 was held on Saturday, May 16 at the Cloister Diner Restaurant in Ephrata.

During the business meeting the Society made a contribution of $100 to the Ephrata Public Library.

The Cancer committer thanked the members and friends who contributed their time and materials. Various size bed pads, slippers, and lap robes were made for the Cancer Society.

The Society will again conduct their food stand on Main Street, Ephrata during the September fair.

Five new members were installed by President Allegra Leininger: Mildred Pfautz, Nancy Hertig, Mary Schantz, Susan Martin and Beatrice Kurtz.

The meeting concluded with a tour of the Ephrata Cloisters.

The June meeting will be held at the home of Ethel Gerhart on Saturday, June 20.

Lancaster Co. Society 8

Farm Women 8 met in the Donegal Church recently for their mother and daughter meeting. Society 31 was entertained and daughters of nearby kin accompanied members.

Margaret Heisey read thoughts on mothers. Visiting ladies were introduced as members responded to roll call. Eighteen visitors and 15 members attended.

Mary Adams a teacher in the Manheim School District was the special speaker for the evening. She centered her talk on areas of childlife in the home and elsewhere. She stressed the importance of concern and love for children in the home.

The next meeting will be held at the home of Helen Wivell, Columbia R1 June 20, at 2 p.m. "Summertime Desserts" will be the theme for the program.

Lancaster Co. Society 19

Society 19 and their husbands met in hostess homes on May 16 at

(Turn to Page C5)

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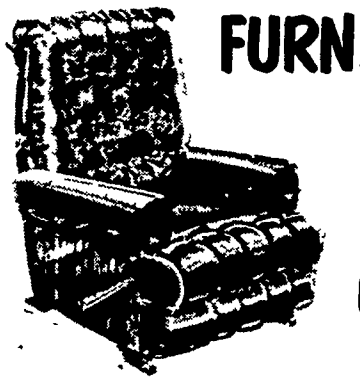

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12 - Kitchen Sets - Glass - Ped Table - 4 Chairs - Chrome & Uph... Retail $659.95 ..... $239.95

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12 - Oak Bedroom Sets - Headboard, Foot-Board, Triple Dresser, 5 Drawer Chest, 2 Nite Stands, Large Mirror...Retail $1229.95 ..... $429.95

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20 - Pine End Table Sets... Formica Tops... Retail $249.95 ..... $109.95

36 - Double & Single Beds...Pine...Maple

Single...Retail $159.95 ..... $69.95

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50 - Swivel Rockers Some w/ Foot Rest...Retail $349.95 to $509.95

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36 - Dining Room Sets...Pine & Maple... All Wood...58" Hutch & Buffet...Oval Table w/Leafs...4 Side & 2 Arm Chairs...Retail $2389.95 ... $1049.95

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72 - Maple & Pine Rockers ...Retail $159.95 ..... $49.95

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Farm Women Societies

(Continued from Page C4)

6:30 p.m. as "guests who are coming for dinner".

At 8:30 p.m. members met at the home of Kenneth and Vivian Warfel for dessert and a short business meeting.

New projects were to sew at the Osteopathic Hospital October 1 from 9 a.m. to 3 p.m. and some members volunteered to help at Conestoga View on May 28.

The October meeting date has been changed to October 17.

Next month's meeting will be held at the home of Blanche Miller instead of the Hempfield Church of the Brethren.

Berks Co. Society 1

The regular montly meeting of Berks Farm Women was held at the home of Mrs. Warren S. Haas, Amityville, with 17 members present.

A gift exchange was held of white elephant items.

A donation of $100 was made to the Hamburg Center, to pay for patients at summer camp. Two members will serve at Berks Heim Open House on June 7.

The Group will have a stand at Boyertown Sidewalk Sale on June 23 to inform the area of club activities and aims.

The next meeting will be June 10 at the home of Marian Haas in Amityville.

Berks Co. Society 4

Berks 4, met recently at the home of Mamie Hafer, R2 Oley.

Ten members answered roll call by reading a poem about Mother.

The Group will have food stands at two household sales this month.

The program for the May meeting was a plant exchange. Each member brought a plant. Each member also received a flower for Mother's Day.

The next meeting is planned for June 2 at 6 p.m. at the home of Ferne Kulp, R4, Boyertown. The program will be a progressive-type dinner with twist. Instead of driving to the various homes, each member will take a course to the meeting.

Berks Co. Society 9

The May 6 meeting of Berks 9 was held in the home of Helen Oxenford, with ten members present.

A motion was passed to send 3 disabled people to camp this summer from Hamburg Center. Berks Heim picnic will be held June 7.

Berks County 4-H asked for contributions for their new community building and animal building in Bern Township. A motion was passed to donate $100 to them for the patrons share.

The meeting ended with Kim Casner demonstrating how to make paperweights and each member made their own using dried flowers and seashells.

The June 3 meeting will be held in the home of Karen Schreier at 8 p.m.

Each member was assigned a different dish for the nutrition program and asked to bring the recipe and explain the nutritional value.

Berks Co. Society 12

The May meeting of Farm Women 12 was held at the Bernville R1 home of Mabel Strunk.

Fay Strickler of the Berks County Extension Service was the guest speaker for the evening. She gave a talk on diet and nutrition.

Berks Heim Picnic is June 7. Rita Stump and Pauline Hartranft will help at the picnic. The Berks Heim needs used hearing aids and lap robes.

The Hamburg Center will have a cake sale June 2. Any farm woman wishing to donate a baked item can bring them along to the next meeting which will be held at the Bernville R2 home of Mary Leymeister, June 8, at 8. Ken Moyer of State Farm Inc. will show a fire safety film.

York Co. Society 7

The May meeting of York Farm Women 7 was held recently. Each member was presented a potted flower for Mother's Day.

(Turn to Page C8)

Introducing The SCANOE!

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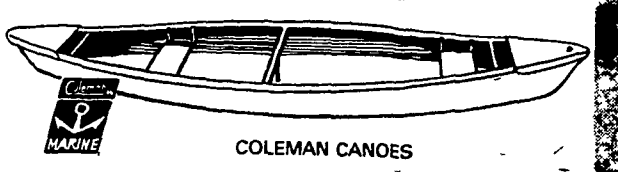
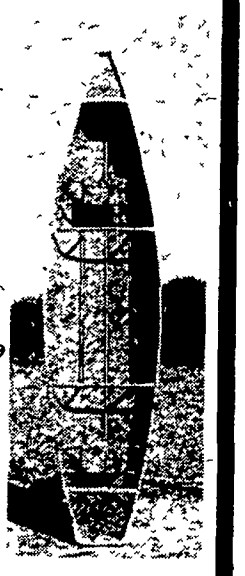


COLEMAN CANOES



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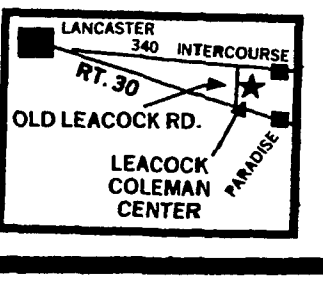
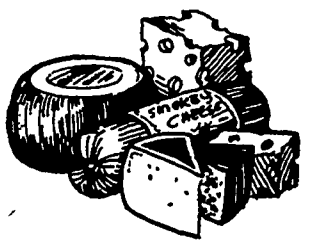
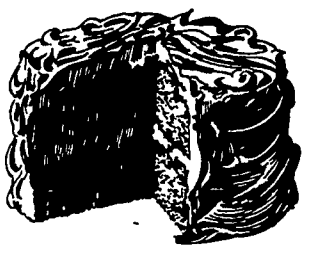




Home On The Range



Our friends from the water

Plan to reel in compliments when you serve these delicious recipes using fruits of the water, not only for their taste but also for their economical accent to your menu.

Homemakers intent on economy will appreciate not only the good prices on fish but also the fact that they cook quickly. Though seafood is much higher priced than fish, the taste can't be beat, especially when it's combined with a recipe that emphasizes tastes instead of relying on quantity to make the dish.

Try the dish that appeals to you and enjoy these delicious characters from the deep sea!

When caught in a budget squeeze, serve a fish ring with a golden sauce. Packed with nutrition and delicious flavor, this fish ring will add flair to your table when company comes. Try some of these other sea dishes, too, and have a "reely" good time.

SPAGHETTI WITH TUNA SAUCE

1/4 c. butter
2 cloves garlic, crushed
1/4 c. minced parsley
1 can Italian-style tomatoes
1 can tomato paste
1 t. basil, crushed
1 t. salt
2 cans tuna
1 pound thin spaghetti, cooked and drained
1 1/2 c. grated Cheddar cheese
2 T. Parmesan cheese
parsley
freshly ground black pepper

Melt butter in large skillet; saute garlic 2 to 3 minutes. Add parsley, tomatoes including liquid, tomato paste, basil and salt. Simmer, uncovered, 20 minutes. Drain tuna; flake. Add to sauce; heat thoroughly. Pour one half of spaghetti into heated serving bowl; pour on half of tuna sauce; sprinkle with half of Cheddar cheese. Add remaining spaghetti, then sauce, then Cheddar cheese. Sprinkle with Parmesan cheese. Garnish with chopped parsley.

FISH RING, SWISS STUFFING

1/4 cup butter
1/2 cup chopped onion
1/2 cup chopped celery
1 1/2 cups herb seasoned stuffing mix
1 cup shredded Swiss cheese
3 T. milk
1 T. dried parsley flakes
1/2 t. salt
1/4 t. nutmeg
8 sole fillets
lemon juice
Golden Sauce:
2 T. butter
2 T. all-purpose flour
1/2 t. salt
1 1/2 cups milk
1 t. prepared mustard
1 hard-cooked egg

For fish ring, melt butter; add onion and celery and saute. Combine sauteed mixture with stuffing mix, cheese, milk, parsley, salt and nutmeg. Toss lightly. Brush sole fillets with lemon juice. Line buttered 4 1/2 cup ring mold with fillets, with ends of fillets over-hanging sides of mold. Lightly pack stuffing mixture on top of fillets. Fold ends of fillets over stuffing; secure with wooden picks as needed. Cover with foil. Bake in preheated 350 degree oven 35 to 45 minutes or until fillets flake easily when tested with a fork and mold is heated through. Remove foil and wooden picks; invert onto serving platter and serve with golden sauce, as prepared below. Fill center of ring with hot, cooked broccoli and garnish with a lemon twist, if desired.

For golden sauce, melt butter over low heat. Stir in flour and salt; cook until smooth. Remove from heat. Gradually stir in milk. Bring to a boil, stirring constantly. Boil and stir 1 minute. Stir in mustard. Remove yolk from egg, finely chop white and stir into sauce. Sieve yolk and sprinkle over sauce.

SHRIMP AND CHEESE SPAGHETTI SAUCE

1 jar sliced mushrooms
1 pkg. spaghetti sauce mix
1 can tomato sauce
2 T. butter
1 pkg. frozen cooked shrimp, thawed, rinsed and drained
1 c. shredded Provolone cheese
hot buttered spaghetti

Drain mushrooms, reserving liquid. Add enough water to reserved liquid from mushrooms to make 1 cup. Combine spaghetti sauce mix and tomato sauce. Stir in liquid and butter. Cook according to package directions. Add mushrooms and shrimp; stir in cheese just until melted. Serve over hot buttered spaghetti.

POOR MAN'S LOBSTER

1 pound frozen haddock
1 T. vinegar
1 T. old bay seasoning
2 cups water
1 t. salt
1 t. celery salt

Add all ingredients except fish; bring to boil. Add fish and cook 15 to 20 minutes. Remove fish with slotted spoon and serve with melted butter. Or, put fish under broiler and spread butter over top for 15 minutes after removing it from the boiling water.

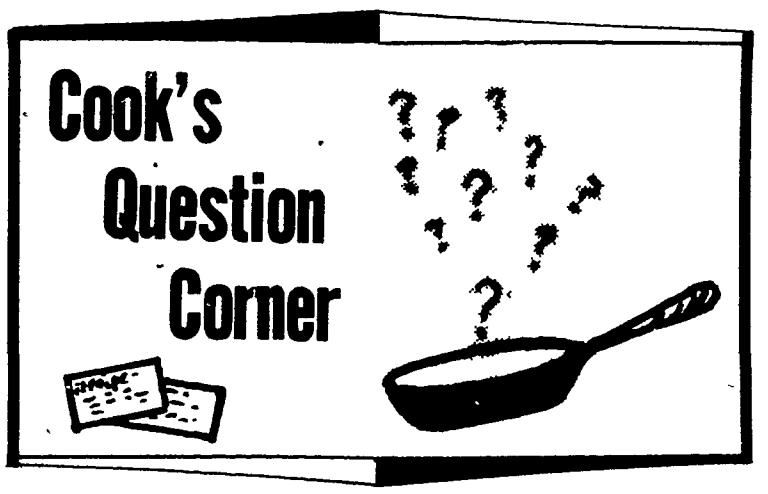
Mrs. Carl Bacon, Felton

JIFFY FISH BAKE

1 can frozen condensed cream of shrimp soup, thawed
1 cup dairy sour cream
1 T. lemon juice
1/3 c. crumbled Blue cheese
1 1/2 pounds halibut steak

In a 1-quart saucepan combine soup, sour cream and lemon juice. Cook over low heat until heated through, stir in Blue cheese. Place fish in shallow baking dish, top with sauce. Bake 20-30 minutes (oven set at 350 degrees) until fish flakes easily with a fork.

(Turn to Page C8)



ANSWERS - Would anyone have a recipe for the Amish Vanilla Pie that they would share with me?

Mable Witmer

QUESTION — A few years back I made a yeasted onion bread using green onions. I have not made the bread in a while and cannot find my recipe. Can anyone help me?

Alice Chittenden, Guilford, Ct

Recipe Topics

May	
30	Favorite recipe
June	Dairy recipes all month long!

IMPOSSIBLE FISH PIE

1/4 pound fish, cooked and flaked
1 small can of mushrooms
1/2 small onion
2 T. butter

Saute onion and mushrooms in butter until tender, stir in fish and set aside to cool.

1 1/2 c. milk
3/4 c. Bisquick
3 eggs
1/2 t. seafood seasoning

Put milk, Bisquick, eggs and seasonings in blender and blend for 15 seconds. Pour in greased 9-inch pie pan and let stand for 5 minutes. Then sprinkle fish mixture on top and top with 1/2 c. grated cheese.

Bake at 400 degrees for 30 minutes.

Audrey Balthaser, Millerstown

Dairy Recipes Wanted!

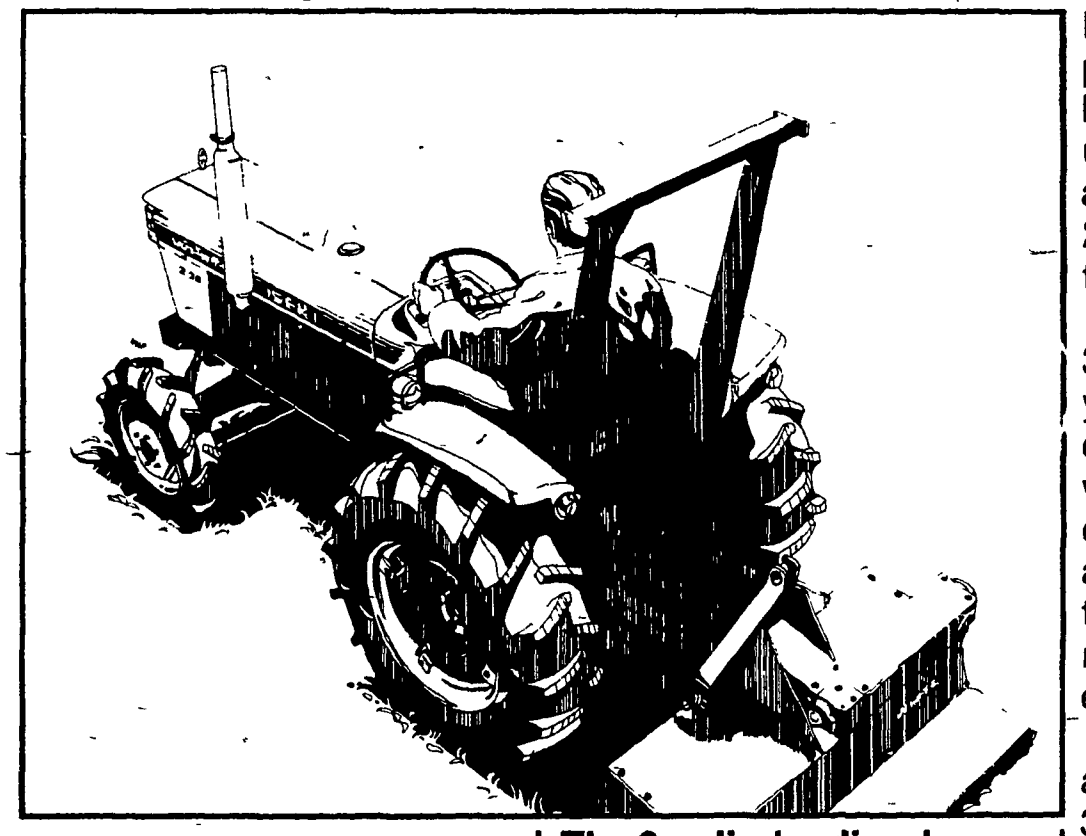
In June, **Lancaster Farming** will feature dairy recipes for the entire month. Here is your chance, whether or not you are actively involved in dairying to send in your favorite recipe using milk, cheese, or any other dairy product

Home on the Range is your recipe column and we need your recipe to fill it. Only four weeks remain before the close of the first dairy recipe issue, so don't delay, mail that family recipe today

Special gifts have been chosen for each person whose dairy recipe we use. It's our way of saying thank you to you and to the dairy industry. Your small amount of time will be well rewarded.

Send your recipe to Home on the Range, **Lancaster Farming**, Box 366, Lititz, PA 17543 Don't forget to include your name and address

Rely on the White 2-30 and 2-35 to help cut your job list short



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Home on the range

(Continued from Page C6)

COTTAGE-TUNA PATTIES

Patties:
2 c. cottage cheese, drained and sieved
1 can tuna, drained
2 eggs, slightly beaten
1 c. fine dry bread crumbs
1/3 c. minced green onion
2 T. chopped parsely
1 t. salt
1 egg, slightly beaten
1 T. water
butter
Spanish Sauce:
2 T. butter
1/4 c. chopped green pepper
1 jar sliced mushrooms, drained
2 t. flour
1 can tomato sauce

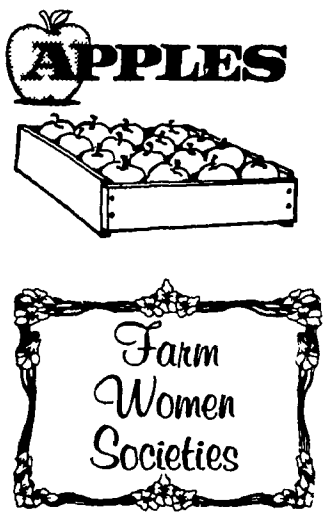
For patties, combine cottage cheese, tuna, 2 eggs, 2/3 cup bread crumbs, onion, parsley and salt. Shape into 12 patties. Mix 1 egg with water. Dip patties in egg mixture then in 1/3 c. bread crumbs; allow to stand on waxed paper 15 minutes. Saute patties in butter on preheated griddle until golden brown on both sides. Serve with sauce.

For sauce, melt butter in saucepan; saute green pepper until tender; add mushrooms. Blend in flour. Remove from heat; stir in tomato sauce. Cook over medium heat, stirring constantly, until thickened. Cook 2 additional minutes.

SALMON CHEDDAR QUICHE

1 c. all-purpose flour
1/4 t. salt
3 T. butter
3 T. lard
3 to 4 T. milk
Filling:
1 can salmon, drained, boned and flaked (16 oz.)
1 c. shredded Cheddar cheese
1/4 c. chopped green pepper
1/4 c. sliced green onion
1 T. flour
1/2 t. salt
1/8 t. pepper
1 1/2 c. milk
3 eggs, beaten

For crust, combine flour and salt. Cut in butter and lard until mixture resembles coarse crumbs. Sprinkle with milk, one tablespoon at a time, mixing until flour is moistened. Shape dough into a ball. Roll out on lightly floured surface to form a 13-inch diameter circle. Line a 9-inch pie plate with pastry; turn under edge and flute, forming a high rim. Preheat oven to 350 degrees. For filling, combine salmon, cheese, green pepper, onion, flour, salt and pepper; toss lightly to combine. Place cheese mixture in bottom of pastry shell. Combine milk and eggs; pour over cheese mixture. Bake 45 to 50 minutes, or until a knife inserted near center comes out clean. Let stand 10 minutes before serving.



Farm Women Societies

(Continued from Page C5)

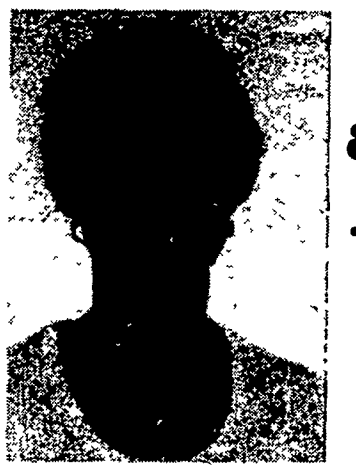
Speaker for the evening was Phyllis Minerva from the Mental Health Center at the York Hospital. She is a specialist in therapy and community services.

The next meeting will be held on June 10 at 7 p.m. at the Starview United Church of Christ. Special guests will be Society 32.

FISH BAKE CARIBE

1 pound fresh or frozen perch fillets
1/4 c. butter
1/2 c. chopped onion
1/4 c. chopped green pepper
1 can tomato sauce
1 jar sliced mushrooms, drained
1 t. sugar
1/2 t. salt
1/8 t. pepper
1 lemon, thinly sliced

Thaw fish, if necessary; drain excess moisture on paper toweling. Preheat oven to 350 degrees. Meanwhile, melt butter in a medium-sized saucepan. Saute onion and green pepper until tender, about 3 minutes. Stir in tomato sauce, mushrooms, sugar, salt and pepper. Place fish fillets in bottom of a buttered 9-inch square baking dish. Pour sauce over fish. Top with lemon slices. Bake 20 to 25 minutes or until fish flakes easily with fork.



On being a farm wife -And other hazards

Joyce Bupp

Despite what temperatures the thermometer registers this weekend, or that the calendar doesn't make it official until June 21, Memorial Day opens the door on summer.

And that means "Goodbye shoes!"

Going barefooted is a rite of passage into the summer vacation season.

I can still remember the absolute ecstacy of hastening off the school bus on those last warm days of the tired school term and yanking my feet out of a pair of unbearable shoes.

(And I can also remember just as well the later horror of the last day of vacation and facing up to having to wear those tight, hot shoes for a whole day again.)

Just for a few brief minutes, (a few days ago), I relived that sensation of footed freedom after a long nine months of so of layers of footwear. The lawn had just been mowed and felt cool and soft as I removed the offending, constricting sneakers.

Going barefooted is a sensual experience, the coolness of the grass a balm for the sole. And, who can forget the warmth of loose earth in the garden, sifting between the toes, while the sunlight shines gently on winter-white arms?

Going shoeless becomes a way of life here, most of June through August, at least when we're not in the milking barn or unloading rough, scratching bales of hay.

Eventually, feet becomes toughened enough to not even heed the gravel traps that await just beyond the porch perimeter, or the burning heat of the barn's apron of blacktop. Sometimes we even feed the calves shoeless, although ever on the alert for evidence that the chickens or ducks have trespassed in the nursery in search of fallen bits of grain.

Surrounded by the balmy May afternoon, I pondered these thoughts while the pores of my toes breathed freely once again after their winter imprisonment.

A sudden, unexpected, soft tickling at my toes jolted me right out of my daydreaming.

It was Scooter, the pet bottle-lamb. She silently had sneaked up behind me while I kneeled to pull weeds and began nibbling at my bare toes.

The rite of bare feet came close to becoming the bite of bare feet.

And Scooter went into temporary quarantine, to recover from her sudden attack of foot-in-mouth.

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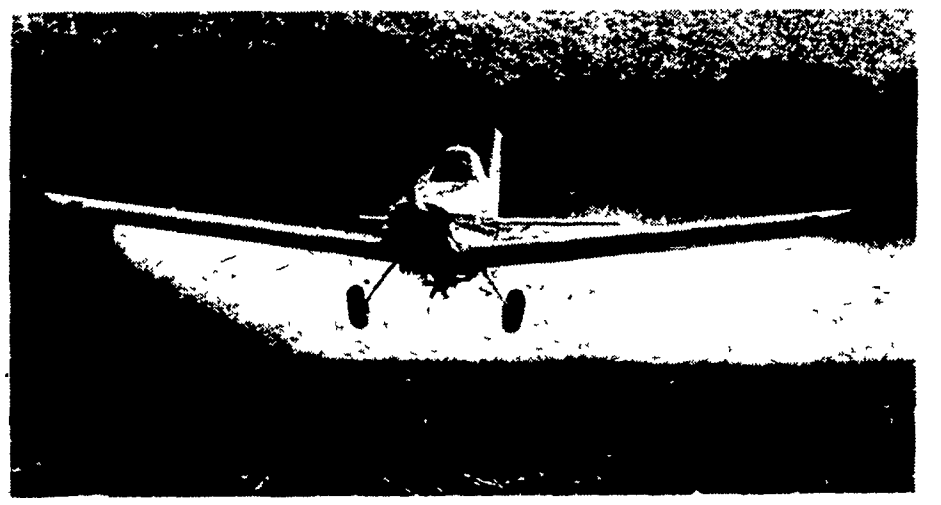

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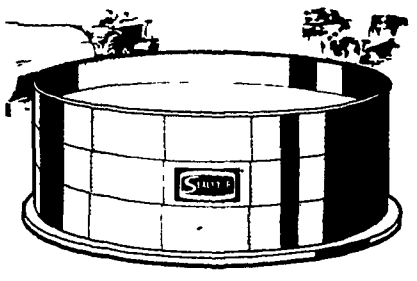

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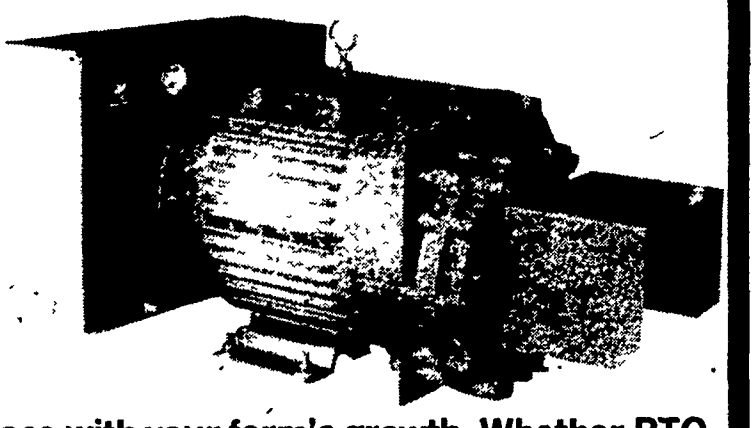

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

NEED MORE STORAGE SPACE?

Is there ever enough storage space? Now maybe there will be with corrugated storage containers pretty enough that they need not be hidden in a closet or under a bed.

Found in the past in a traditional wood-grain pattern, corrugated cardboard storage units now are larger and sturdier than ever before and come in a variety of colors and styles to suit any decor. Solid colors include yellow, green, red, purple, and even silver. Colors in combination are slate with charcoal trim. They are also available in white with a green or blue grid pattern.

Even plastic storage containers feature corrugated construction giving them the benefit of added strength along with their qualities of being light weight, tearproof and water-resistant. Pieces available include storage boxes, portfolios, lunch boxes and flight bags. The plastic items have the advantage of being both durable and easy to clean.

Wire grid and plastic storage systems remain popular largely because of their versatility and adaptability. The variety of choices in components offers endless possibilities for arrangement in a customized, made-to-order look that can be rearranged with ease.

KIDS AND MONEY

Children should learn to budget money early in life. Too often kids are shielded from their parents' financial concerns and this does not give them a realistic view of the value of money.

I would suggest that a parent might calculate how much money the child will need in a month and make a lump sum "grant" on the first day rather than doling out money every day or so as needed. Help the child set up a simple ledger with an "in" and "out" column and teach him how to list income and expenses. This will give your child a more realistic view of how fast the money goes out. It will also let him gain experience in stretching that sum for the whole month.

Another way to help your child learn budgeting is by having him assist in preparing the family income tax return. The child will see where the family income comes from and where it goes. Trust your child to keep family matters confidential. Make the child an integral part of planning for family expenditures, paying the bills, and carrying out a savings program.

After doing this children often remark, "I never realized all the bills my parents have to pay each month." This exposure to the financial affairs often makes kids think twice before asking for money.

Managing money, experiencing "temporary bankruptcy," or having "float a loan" are best learned within the security of the family. Learning about family finances will go a long way toward preparing the child to enter the adult world with a sense of reality about money and managing a family.

As parents, you will have to lift the veil of financial secrecy and begin genuinely to trust the child. This in itself will go a long way toward helping your child become more responsible.

Sun Area plans dairy princess contest

LEWISBURG — Seven contestants have entered the Sun Area Dairy Princess Contest announces Robert Pardoe, Jr., president of the Dairy Princess Committee.

Those contestants are: Jan Klingler, R1, Selinsgrove, Karen Kratzer, R3, Middleburg, Kathy Reich, R1, Winfield, Lisa Shirey, Wendy Moyer, R3, Mifflinburg, Beverly Thomas, R2, Mifflinsburg, and Mary Stover, R1, Mifflinburg.

The Dairy Princess Pageant will be held Saturday evening, June 20, in Boscov's Auditorium at the Susquehanna Valley Mall. Keith Martin, news anchorman on Channel 8, Lancaster, will be master of ceremonies. This event highlights a week of exciting activities.

During the week of June 15, a robot will be seen talking to kids and adults about milk, a cow will be walking around promoting milk and dairy products. Various exhibits will be on display throughout the mall depicting different aspects of the dairy industry.

Saturday's daytime program will be devoted to giving out milk drinks and cheese samples. An ice cream eating contest for children and adults will be held in the morning as well as a cow coloring contest for young children.

Outside the mall, cows and calves of different breeds will be housed in a tent for passersby to see.

Dairy princess applicants wanted

BALTIMORE — The Maryland Cooperative Extension Service recently announced their search for applicants in the 1981 Dairy Princess Contest for Area 7. This area includes Cecil, Kent and Queen Anne's counties. If you have a daughter that has completed her junior year of high school and will not reach her 22nd birthday by December 31, and is interested, please contact the Extension Office by June 1. Call (301) 398-0200.

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5 Pc. Dinette (All Wood)	409.95	289.95	188.00
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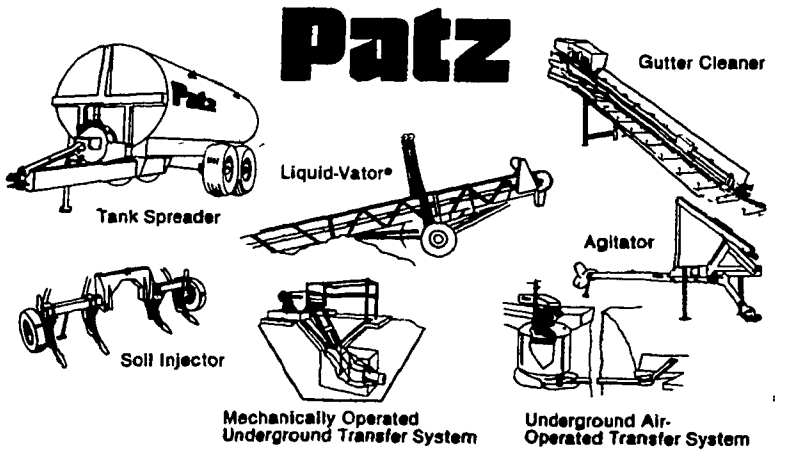

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Plant movement dictates proper care

LANCASTER — Living plants have many ways of moving their leaves, stems, and flowers. The "how" and "when" of plant movements were described recently by John W. Mastalerz, professor of floriculture at The Pennsylvania State University.

Such plant motion generally is detected by extremely close observation or with time-lapse photography, Dr. Mastalerz said. Stems bend toward light, leaves face the sun, flowers close up at night, stems cling to various surfaces, and some plants catch insects or reach to touch.

He indicated the two basic movements are first, those caused by uneven growth of cells in a stem and second, movements resulting from changes in water pressure or turgidity of plant cells.

The first type of uneven growth occurs when plants move toward or away from a stimulus. This is known as tropism. The movement can be response to light (phototropism); response to gravity (geotropism); or response to touch (thigmotropism).

"Stems and tendrils of climbing plants are highly sensitive to touch," Dr. Mastalerz stated. "Following a single contact, tendrils have been seen to start twining within 30 seconds. The contact must be done by rubbing against an uneven surface," he said.

Response to light (phototropism) occurs when the stems of a nasturtium leaf bends or twists to place its leaf blades at right angles to the sun. Peanut plants start with flower stalks growing vertically upward until pollination takes place and seed is set. Then peanuts grow downward. Finally, peanut plants end their growth cycle in response to gravity (geotropism) when they bury their fruit pods in soil.

Pollution of the air by ethylene causes a reaction called nastic — the downward curving or wilt of tomato leaf stalks. Under ethylene pollution, tomato leaves wilt even when soil moisture is adequate. Ethylene pollution comes from automobile exhaust gases, burning trash, or cigarette smoke.

A third type of uneven growth movement is known as circumnutation, best seen by time-lapse photography. Young stems move constantly in a spiral pattern as if searching for something to touch. Climbing plants find this a very useful characteristic as it improves the chances of touching something solid.

The Penn State scientist believes the most interesting movements in plants are those created by changes in water pressure within cells, a condition called turgidity.

Turgor pressure develops when water moves into a cell, fills it to capacity, and exerts pressure on cell walls. When water is withdrawn from the cells, pressure against the cell walls decreases and the cell shrinks.

Undoubtedly the most familiar turgor reactions of plants are created by touching leaves of the Venus fly trap or the sensitive plant. When an insect settles on a leaf of the Venus fly trap and touches a trigger hair, the halves of the leaf blade fold together quickly — trapping the victim. After digestion, the trap reopens.

People enjoy touching the leaves of a sensitive plant, Dr. Mastalerz noted. When an individual leaflet is touched, that leaf folds rapidly. Additional touching will cause more leaflets to fold. Severe contact will set up a chain reaction and the entire plant will collapse. Such plants have a specialized structure known as the pulvinus. Rapid movement of water out of each pulvinus at the base of each leaflet and steam causes the folding reaction.

As another example of turgidity, he listed the "sleep" movement in bean leaves and leaves of other legumes. These plants also have many pulvinus structures. Changes in turgor pressure within the cells of the pulvinus cause leaflets to fold together, with the entire leaf dropping.

Such "sleep" movement in beans and other legumes is regulated by light and darkness, it was explained. Some evidence indicates that an internal biological rhythm is also involved in this movement.

Ida's Notebook

Ida Risser

Lately I've been doing a lot of reading about covered bridges or "kissing bridges" as they are sometimes called. I was pleased to learn that, in January, twenty-seven of them in Lancaster County were placed on the national Register of Historic Places.

Our ancestors had problems crossing many small streams and several large rivers in Pennsylvania. Sometimes trees were felled and then bound together or else stones were piled in a stream to help the traveler on his way.

There were no craftsmen available in those early days to build stone bridges. Ferries were one answer, but they were slow.

Seldom do we hear of a covered bridge's construction without the mention of Theodore Burr's name. He was born in Connecticut in 1771 and developed an arch-supported truss carrying a level roadway that he patented in 1804.

He built several spans across the Susquehanna River, although he had financial difficulties due to the large payroll which he had to meet. He built the famous "Camelback" bridge at Harrisburg in 1820. Many of these covered bridges were destroyed by ice jams, and some succumbed to fire or flood.

Many covered bridges have been replaced by concrete structures which can carry heavier loads. One bridge, near my home that was built in 1843 at a cost of $2389, was one of these.

Another nearby bridge, that was destroyed by Hurricane Agnes in 1972 was restored at a cost of $321,300, comparable to the price of a modern span. The original was made of eastern white pine but the present one has Douglas firt with an oak floor, cedar shake roof and redwood sides. The purpose of the roof is to cover and protect the superstructure from the weather.

In 1771 the first bridge in Lancaster City was built "to cross water that flowed over King Street."

Today we travel everywhere without a thought of the magnificant bridges that connect our highways from coast to coast.

Microwave oven classes scheduled

YORK — If you use your microwave oven for just thawing and reheating leftovers, you are not using it to its fullest potential.

The York County Cooperative Extension Service is offering a class "More Cooking With Microwaves" on May 27 and June 3, 10:00 a.m. - noon or 7:00 p.m. - 9:00 p.m. at the Pleasant Acres Meeting Room, 112 Pleasant Acres Road, York.

The evening class is a repeat of the day class. At the first class you will be shown how to do casseroles and sauces, and the second class covers how to do complete meal preparation with your oven.

The fee for each class is $2.50. Advance registration is required. You can register by calling the York County Extension Office at 112 Pleasant Acres Road, PA 17402 at 757-9657.

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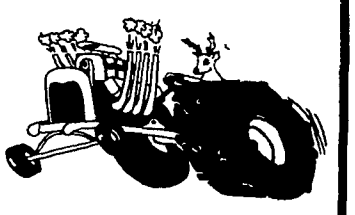

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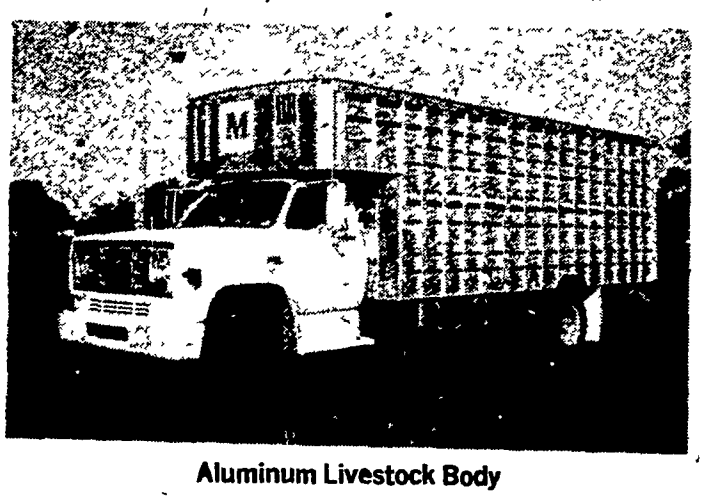

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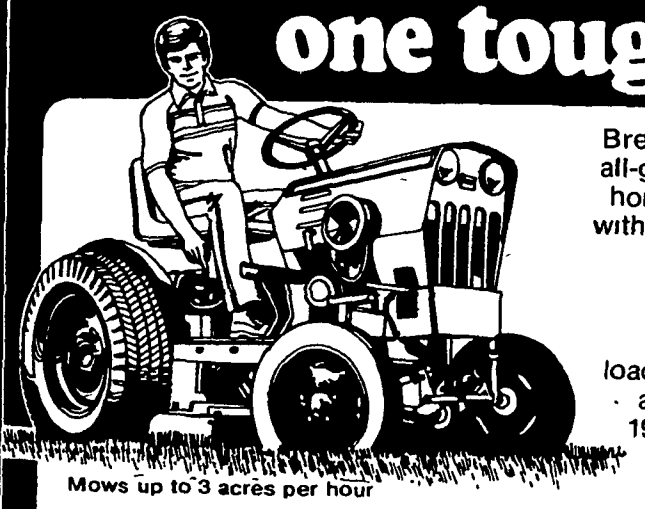

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Meet your houseplants' needs

LANCASTER — When it comes to summer houseplant care, there are two approaches. You can either keep then indoors, or bring them outside for the growing season. Either way, you may need to make some adjustments in their care now.

If you decide to keep your plants inside for the season, check the light where they're located. Summer sun is much brighter than winter sun. This won't matter in some cases, but plants like ferns, many gesneriads, and even some foliage plants may get too much light if you leave them in a south or west window now. Move them to a northern exposure, or provide filtered light for them with a fine curtain or light shade.

One advantage of keeping plants indoors all year round is that they don't have to be reacclimated when cold weather returns in the fall. Growth will also usually be slower than it would be outside.

On the other hand, many plants respond well to a summer spent outdoors. The light is better and the air fresher. But, again, the light exposure plants get can be critical. A north facing or shaded location is good for most begonias, ferns and green foliage plants. Cacti and geraniums prefer more sun.

All plants should be protected from the direct rays of the sun when they're first moved outdoors. Give them a chance to get acclimated first. Too sudden an exposure to full summer sun will injure most plants. Some leaves may turn brown and drop. Others will become a pale, sickly green.

Once they've adjusted to their new setting, most houseplants will grow well. It's a good way to rejuvenate them for the winter months to come.

Dunham offers a few precautions about placing plants outdoors in summer. Make sure they're sheltered from sudden gusts of wind which might otherwise knock them over, with shattering results. And be sure plants that will be rained on have adequate drainage to prevent drowning. Don't put them in pots without drainage holes, or in saucers that will hold water too long.

Despite these hazards, you'll probably find it easier to care for your plants outdoors than it would be inside the house.

Whether indoors or out, your houseplants are growing more rapidly now than they were during the winter, so they require more frequent watering and feeding. Because growth is vigorous, this is a good time to shape them up.

Plants that are too large can be cut back and reshaped. Begonias and foliage plants with multiple branches are the most likely candidates for this treatment.

If more drastic measures are called for, they can be divided as well as cut back. This way they can be put back in smaller pots and you can grow the extra plants as gifts for friends.

Transfer plants that have outgrown their pots to larger ones, but be sure to break up the root ball first. Do this either by crumbling the root ball in your hands, or by cutting away some of the roots with a knife.

When grown in hanging baskets, vines like bridal veil, wandering Jew and Swedish ivy often lose the leaves nearest the pot. When this happens, it's time to give them a "haircut." Trim around the edge of the pot to force new growth close to the soil line. (If you want more plants, you can root the cuttings afterward.) After trimming, repot the original plant in the same container, but replace half of the old soil with new.

After trimming and repotting your houseplants, give them some liquid plant food to stimulate new growth and they should soon look better than ever.

Make home remodeling pay off

YORK — Sooner or later, many families decide their two-bedroom, one-bathroom bungalow just doesn't fit their five-member family. When that moment of truth arrives, they have to choose whether to build a new home, buy one, or remodel their present house says Joan Lamberson, York County Extension Home Economist.

"With construction and new home costs what they are, more and more families are opting to remodel," says Joseph Wysocki, Extension housing specialist at the Pennsylvania State University.

Remodeling usually adds comfort and convenience, but it also should be viewed as an investment, Wysocki says. Homeowners need to think about the soundness of an investment, because not all improvements will add to the resale value of the house.

He notes for example, that it never pays to over-improve a home, regardless of the neighborhood. If the neighborhood is starting to go downhill, the homeowner probably would lose on any improvement made. Adding luxury improvements such as a sauna, pool or darkroom also brings little return on your investment, and narrows the market for the house.

A sensible addition to a small home, on the other hand, will probably enhance its resale value, provided it looks good with the architectural style of the house. Realtors particularly emphasize modern, built-in kitchens, an additional bathroom and family rooms as valuable selling points.

The first step in remodeling a home is to decide what is wanted and needed and determine whether these improvements are feasible. A house should be comfortable, convenient and adequate for the family. If the house has been lived in a while, it's usually simple to decide what needs to be changed.

Make a list of any annoying features of your house as well as ways to solve them. The family's stage in the life cycle also is important in the planning process.

Before you consider adding a room, make sure that extra space won't go unused in a year or two. A recreation room for your social 15 to 17-year-olds may be unnecessary if they will be leaving for college soon.

The family's lifestyle is also important in planning a home renovation. Space for sewing, hobbies, office or recreation are just a few possibilities to think about. You'll also need to consider the type of entertaining and other activities important to your family.

Some families, for example, will get a lot of mileage out of a formal dining room, while others would appreciate a room that will permit noisy, active games.

Before adding onto a house, make sure the space you have is being used efficiently. Remember, it's generally more economical to steal space from the attic, garage or basement than to add new space. Existing space also can be arranged by knocking down walls and creating new ones as long as load-bearing walls are left to support the house.

Additions to the home and certain remodeling projects are regulated by local building codes and building permits will be required. So get copies of building ordinances from the local building department and make sure your plans meet the codes. Successive stages of the project must be approved by the local building inspector.

Also, check the deed to the house to see if there are any restrictions. Specific lots, sub-divisions or developments may have restrictions prohibiting some types of remodeling projects.

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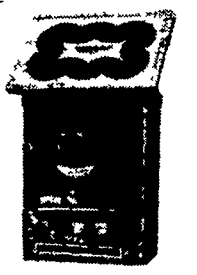

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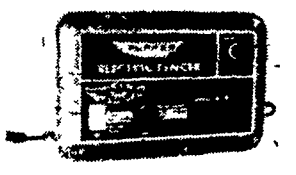

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DER announces state park regulations

HARRISBURG — Memorial Day weekend marks the start of many summer activities in Pennsylvania's 117 state parks and William C. Forrey, director of the Bureau of State Parks, Department of Environmental Resources, emphasized the need for safety, especially around water areas.

"Swimming is permitted only in guarded areas and regulations state that all children nine years of age and younger must be accomplished and supervised in the swimming areas by a responsible person," said Forrey. "The regulations provide that one responsible person can supervise no more than 10 children."

Beaches and pools in 54 state parks will open Saturday, May 23, for the three-day weekend and will be open on weekends only, until Saturday, June 13, when they will remain open through Labor Day, September 7. Swimming hours are 11 a.m. to 7 p.m.

There will be no swimming at Raccoon Creek State Park, Beaver County, and Greenwood Furnace State Park, Huntingdon County, because the lakes have been emptied for repairs.

Nockamixon State Park, Bucks County, will not offer swimming this summer because of major pool repairs. Lackawanna State Park, Lackawanna County, will not open the swimming pool until June 27 when repairs have been completed. At Presque Isle State Park, Erie County, swimming will be permitted from May 23 through Labor Day, between 9 a.m. and 8 p.m. daily.

Four state park swimming pools will be operated for the first time this summer by private concessionaries.

The four pools are: Codorus, York County; Cook Forest, Clarion and Forest counties; Marsh Creek, Chester County; and Neshaminy, Bucks County.

"Having private concessionaries operate the pools will generate additional income from state-owned facilities, as the governor requested of all state agencies," said Forrey.

Family campsites at 34 state parks may be reserved this summer by telephone or in person. Reservations are accepted between May 20, the Wednesday before Memorial Day, and Sept. 7, the last day of the Labor Day holiday. Reservations will not be accepted more than 30 days in advance of the check-in date. Contact the state park directly to make campsite reservations.

Forrey said many of the overnight facilities are open from the second Friday in April to the third Sunday in October, this year from April 10 through Oct. 18. Some family campgrounds and organized group tenting areas are open year-round. Overnight facilities also include family cabins at 11 state parks and organized group camps at five state parks.

House inspections prevent costly mistakes

NEWARK, Del. — The most basic rule of house hunting is to follow the lead of your head, not your heart, says Delaware extension family living agent Mary Alice Morris.

Many an uninformed house buyer is motivated to purchase a house because of outward appearance or minor features such as carpet or paint color, or the attractive furnishings of the owner. But the outwardly attractive house could be in need of a new roof or be infested by termites.

On the other hand, a prospective buyer needs to look beyond an overgrown yard or unappealing wallpaper and focus on features such as a new furnace and water heater or energy-saving features.

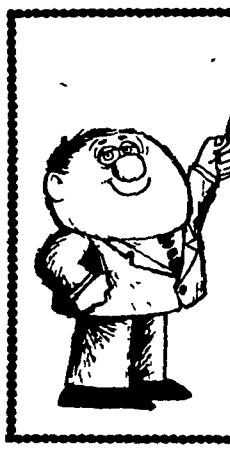
In order to find the best house for you and your family at the best price, you should contact a detailed inspection of any property you are considering for purchase before you get into serious negotiations with the seller.

Keep in mind that there are two kinds of defects. Some defects, such as a leaky roof or an outmoded bathroom or kitchen, are not easily or economically corrected. Others may appear as defects to you but are actually matters of personal taste and can be corrected with a little elbow grease and a little money. A fresh coat of paint or new wallpaper can solve these problems. It's up to you to use your taste to make the house reflect you and your family.

An inspection should entail both structural and mechanical conditions. Inspection services are not available in all areas. Generally they cost $75 to $150. You might locate one through your lending institution, real estate agent or your local telephone directory.

If you decide to "do-it-yourself," you should be aggressive and thorough in your inspection and remember to take your time.

Keep in mind that there is no perfect house. Each house has strengths and weaknesses. Your evaluation of the house will help determine how well it meets your family's needs.



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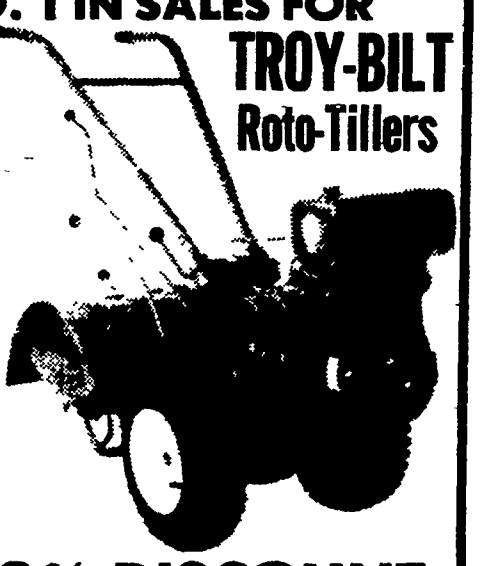

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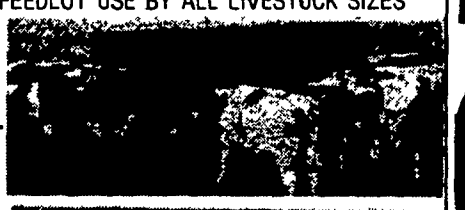

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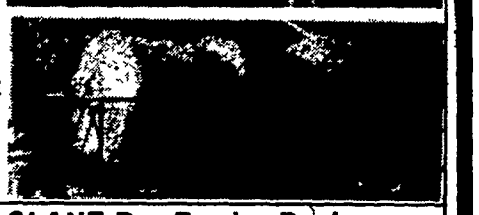

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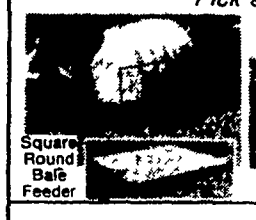
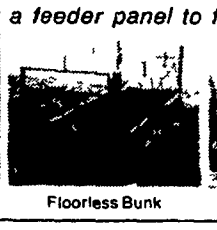
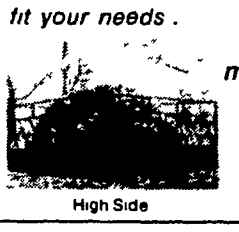

Square Round Bale Feeder


Floorless Bunk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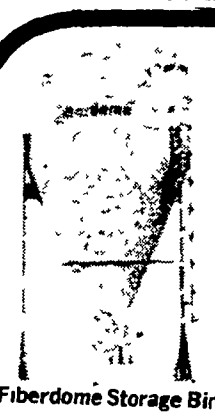
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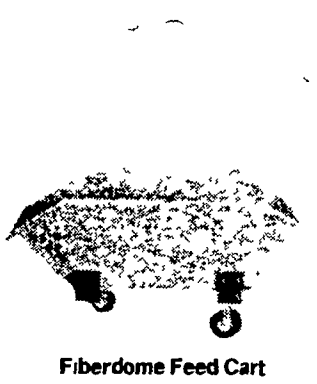
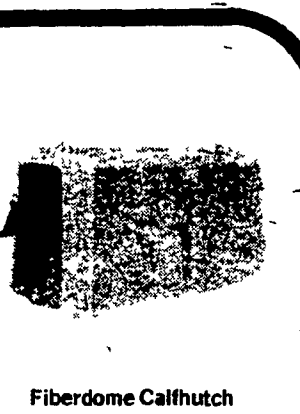

Fiberdome Feed Cart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A steward of the soil at seventeen

BOWMANSVILLE — Already at just 17 years of age, Mark Weber, of R1 Mohnton, can be classified as a genuine steward of the soil.

A vo-ag transfer student at Garden Spot High School, New Holland, Mark is in his second year of farming 45 acres in the Bowmansville area.

And he does it with the most caring of principles of soil stewardship, which are generally ascribed to farmers many years his senior.

His example gives credence to the belief that such stewardship is something that one is born with and nurtures into deeper and deeper meaning much as the actual work with the land nurtures the bounty that springs forth each year.

As he walks across the land and reaches down to grab a handful of the plowed earth, this caring clearly comes through. The contours and grassy strips that stretch off into the distance are strong testimony to his efforts.

Winner of this year's crop proficiency award of the Grassland FFA Chapter, Weber blends together a combination of classroom and cultivation.

"It gives me an opportunity to put a lot of things into practice which I'm able to learn in the classroom," he said.

He does a variety of cropping — oats, clover in wheat to be followed by alfalfa and corn.

Like many other soil stewards, he already experienced some of the disappointments that can come and has already learned to balance them with an optimistic outlook.

"The corn was sort of discouraging last year," he said.

"But I hope to have better yields this year."

And he expresses such optimism in a "colorful" way.

"There's nothing as nice as seeing a field of good, dark green coloring when the corn is growing," he explained.

"I just like to see hardy, healthy plants coming up through the soil."

But Weber's stewardship policies extend beyond the soil to the tools he uses to work that soil.

He's already acquired a good basic foundation of equipment purchased at sales. Most of it is about one to four years old.

"I want to keep it in good condition and use it later when I go into dairying," he explained.

Thus, in addition to being a soil steward at 17, Weber already is clearly mapping out his future road to follow.

His father, Floyd, had a dairy herd until selling out in 1978.

"I grew up with dairying and knew it was something that I wanted to do," he said.

The Webers still have some heifer stock, which they've been selling off when they become fresh. Mark has a couple of Holstein heifers and a year ago won an Ayrshire chain calf.

He figures that with his equipment and experience with cropping, he'll be better able to move into dairying when the time comes and concentrate then on building a herd.

It's a good bet that the same sound principles he's already applied in his cropping activities will be carried over into his upcoming dairying.

For even now, he's keeping his eye on such things as the advancing technology in embryo transfers.

"I find it sorta fascinating," he said.

"Getting as many calves out of your best cow is the way to go.

"I like to try new things. You gotta always be ready to try something new or else the job — any job — can get boring."

What a combination of philosophies. He's a Future Farmer with his feet firmly planted in a tradition of soil stewardship and his eyes firmly fixed toward helping to advance the dairy industry of tomorrow.— DA

Already at seventeen, Mark Weber, of R1 Mohnton, feels a close and caring association with the soil he works. A vo-ag student at Garden Spot High School in New Holland, he farms some 45 acres in the Bowmansville area. Eventually, he plans to go into dairying.

Interested in conservation school?

LANCASTER - If you have a 14 to 16 year old boy or girl with an interest in conservation, why not send him/her to the Lancaster County Youth Conservation School? Sponsored jointly by the Lancaster County Conservation District and Lancaster County Federation of Sportsman Clubs, the week-long school is being held July 26-August 1, 1981 at the Northern Lancaster County Fish and Game Association.

Campers receive a wide variety of training and instruction in the areas of soil and water conservation, fish and wildlife management, land use planning, forestry, survival, and orienteering.

Cost of the week-long school is $65 and the deadline for registering is June 15.

For more information, contact the Lancaster County Conservation District, Room 6, Farm and Home Center, 1383 Arcadia Road, Lancaster, PA, 17601, or call (717) 299-5361.

TANKS TANKS TANKS

Kid's Korner

Watch out for wild animals

Wild animal's life spans differ

LANCASTER — A field mouse in the wild is lucky to live to be a year old. Yet, its cousin, the pocket mouse may live to five years of age. Why do some animals live longer than others? And how do different animal species regard their elders?

According to International Wildlife magazine, scientists are studying senescence, or aging, in wildlife to find out the answers to these questions, and in turn, to better understand the processes involved in human aging.

The answer to the mouse mystery is simple. "Some small mammals may live longer than others of similar size because they spend part of their lives in hibernation or in dormancy, their bodies barely functioning," explains the National Wildlife Federation's bi-monthly publication.

Thus the pocket mouse, which spends the hot desert season in a state of torpor, will live much longer than the on-the-go field mouse.

Until recently, almost everything we knew about animals that live to be old came from zoos.

Longevity records for zoo animals, says International Wildlife, include: a 77-year-old elephant; a 65-year-old vulture; a 49-year-old hippopotamus; a 38-year-old zebra.

Cold-blooded animals last even longer, with tortoises reaching 150 years; sturgeon, 100; carp, 50; and toads, 36.

Unfortunately, zoo records can be misleading since animals tend to live longer in the security of a zoo than they do in the wild. However, such records do give us an appreciation for some species' potential life spans.

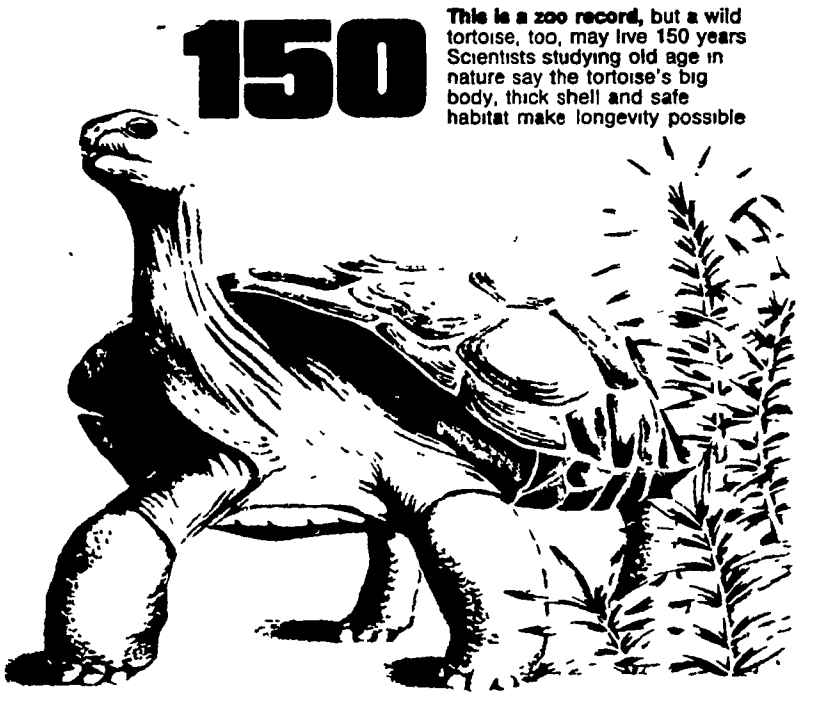
"Animals that are most likely to live to be old in the wild are those which, as adults, have no predators except man," says International Wildlife. Most of these are large—elephants, hippos, rhinos, lions, tigers and wolves. But some, such as the Galapagos tortoise, survive not only because of their large size, but also because of their isolated habitat.

Scientists have found that a wild animal's age can be estimated in many ways, such as by inspecting the lens from a rabbit's eye, the lens from a rabbit's eye, the thickness of baleen plates in the mouths of whales, the annual rings in the horns of sheep and antelope, and tooth wear, or in some species, "rings" in a tooth. Teeth are, in fact, one of the most important considerations for life in the wild; research shows that most wild animals live only as long as their teeth hold out.

After spending years living among some species in the wild, animal behaviorists have observed that in the "social" species—those animals that live and travel in groups—older males and females are treated quite differently.

"Males are generally of prime importance to a social group only when they are dominant," says International Wildlife. Eventually, older males are driven from a group by younger males when their strength has been reduced by age.

Older females, in contrast, do not seem to suffer this loss of social status. Among most species, old females usually continue to reproduce, although they have fewer offspring then the young females. Female elephants up to fifty years of age continue to function as "matriarchs" in their social group, and even the feeblest lionesses are allowed to share the kills of other pride members.



This is a zoo record, but a wild tortoise, too, may live 150 years Scientists studying old age in nature say the tortoise's big body, thick shell and safe habitat make longevity possible

Ah...yawn...stretch...grr and hu-hu...what are these characters saying? Write and tell us what you think these mountain gorillas are thinking. Our editor is going to pick a winner and send him or her a surprise, so get them in the mail now!

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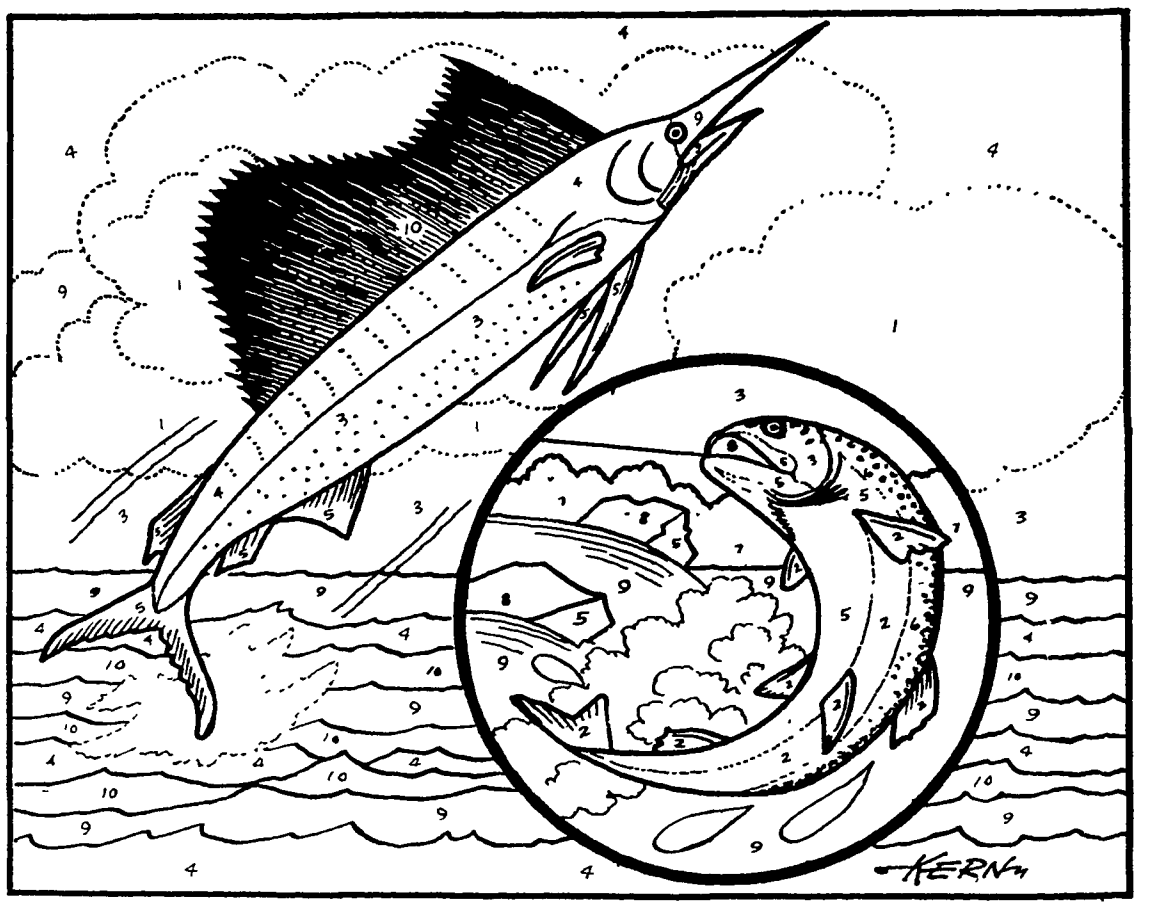

Mom has lots of delicious fish recipes to make this week from Home on the Range, so color these fish and hang them in her kitchen as an incentive.

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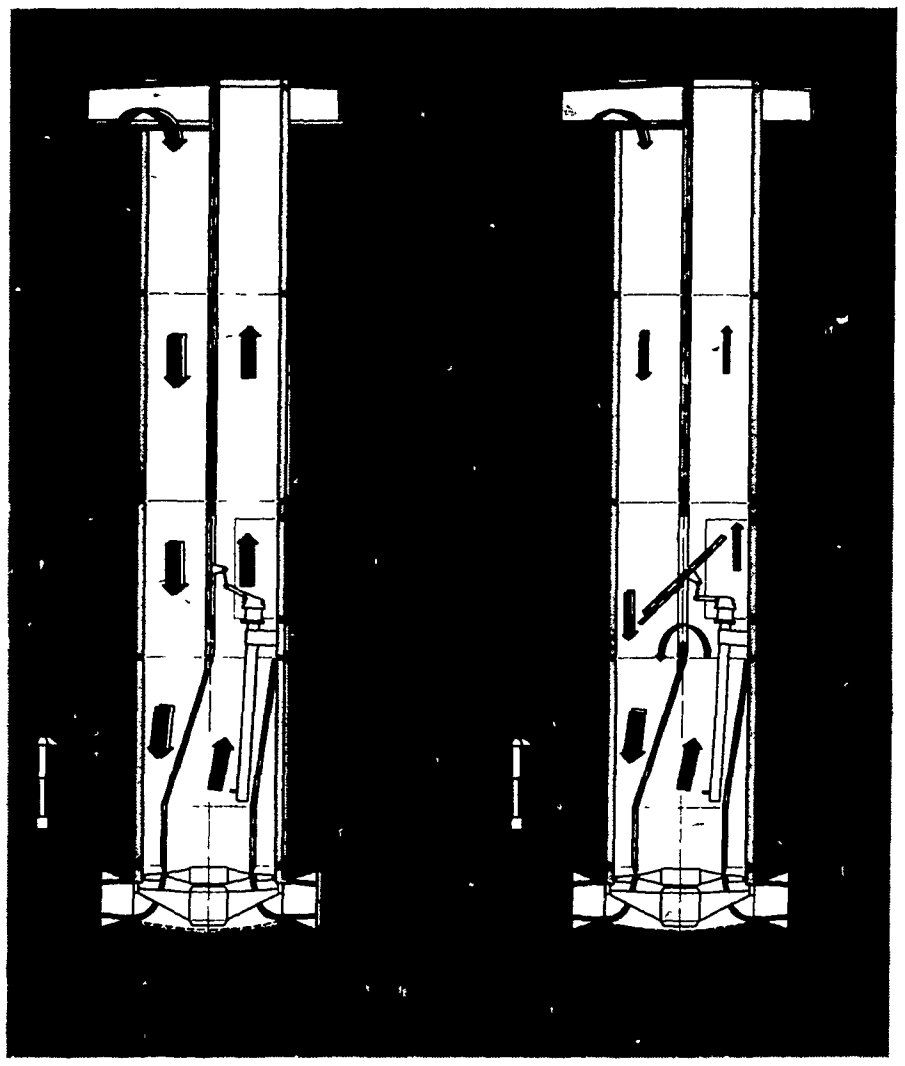

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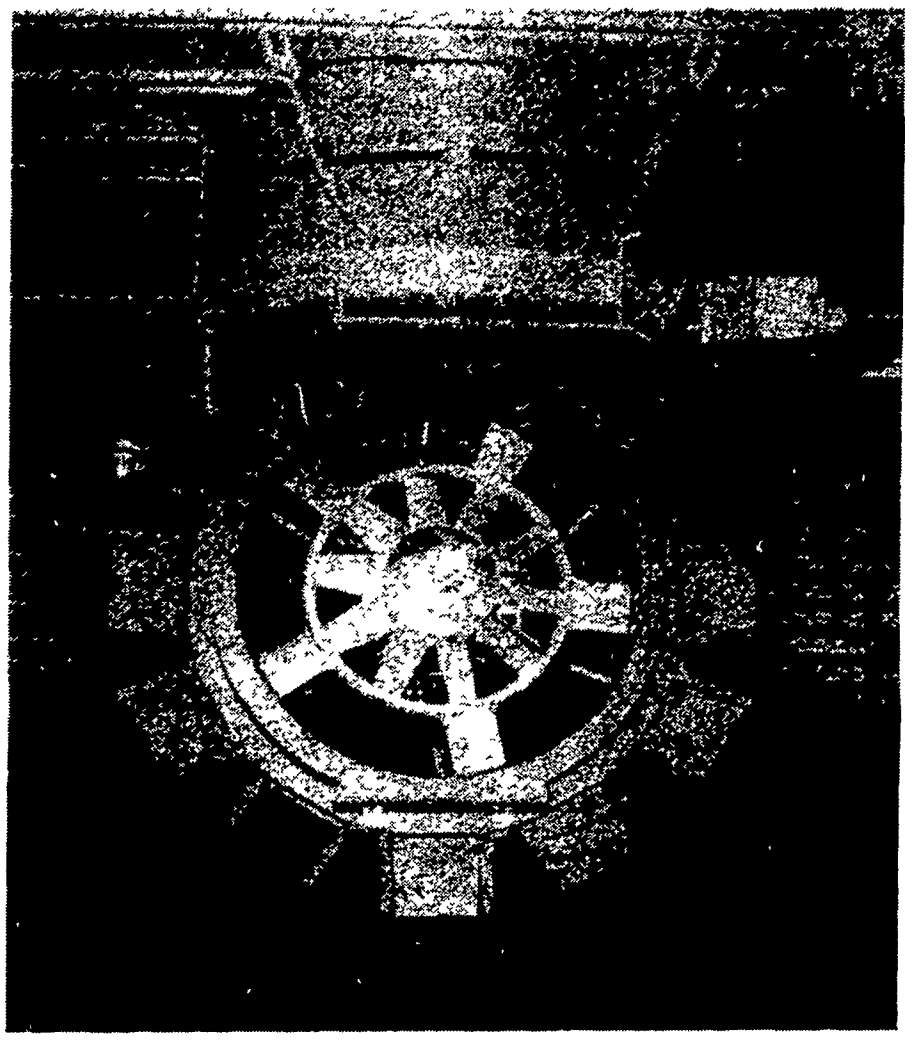

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New leaders introduced to Lebanon 4-H

LEBANON — 4-H volunteers from throughout Lebanon County gathered Thursday night to learn some of the basics of 4-H leadership at a workshop conducted by the Cooperative Extension Service.

According to Linda Rohrbach, Extension 4-H agent, the workshop was designed to "give leaders some basics and also more specific leadership tips."

Meeting other leaders and sharing ideas highlighted the evening for most participants.

Frank Bortz, 4-H staff member from Penn State University, told all the leaders of their "important role in the life of young people." He encouraged them to "make 4-H fit the child. Don't make them fit into 4-H."

The 4-H leaders taught each other the 4-H vocabulary with the use of flashcards. 4-H activities and the 4-H framework were learned through group participation.

Workshops included "...Be a Meeting Manager," conducted by Nancy Hoke, 4-H volunteer, which was designed to teach program planning and working with officers.

"Be a Teacher of Responsibility," was designed to teach procedures for the Lebanon Area Fair and local club roundups. Diane Maulfair and Sue Bomberger, fair coordinators, and Linda Rohrbach and Birdena Donough, Palmyra Cougars 4-H teen leader, were instructors.

"Be A People Person," a workshop designed to emphasize human relations, was conducted by Frank Bortz.

Planning committee for the program was Phyllis Paine, Hope Saam, Deb Kreider, Rosanne Bolles, Charlie Bomgardner, Gail Shiner, Mrs. Luke Hostetter, Betsy A. Arnold and Millie Rogers.

Upper Dauphin 4-H meets

LANCASTER — The Upper Dauphin 4-H Dairy Club held their monthly meeting recently at Dimpsey's home. Seventeen members were present.

There are still openings for junior campers, ages 8-13. If interested, contact the Extension Office. The date for camp is June 9-12.

Entries for the 4-H booklet cover contest are due June 1.

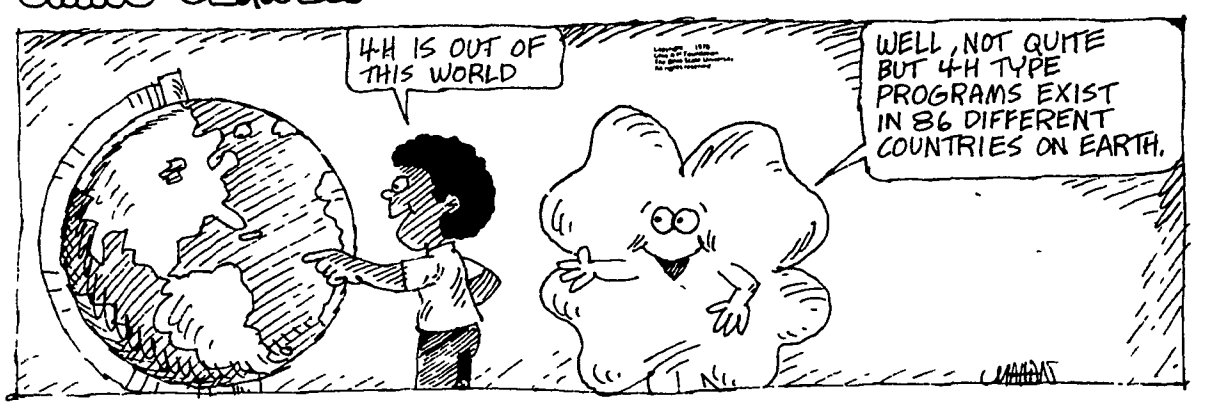
First meeting for anyone interested in a clowning club is May 28 at 7:30 p.m. at the Extension Office.

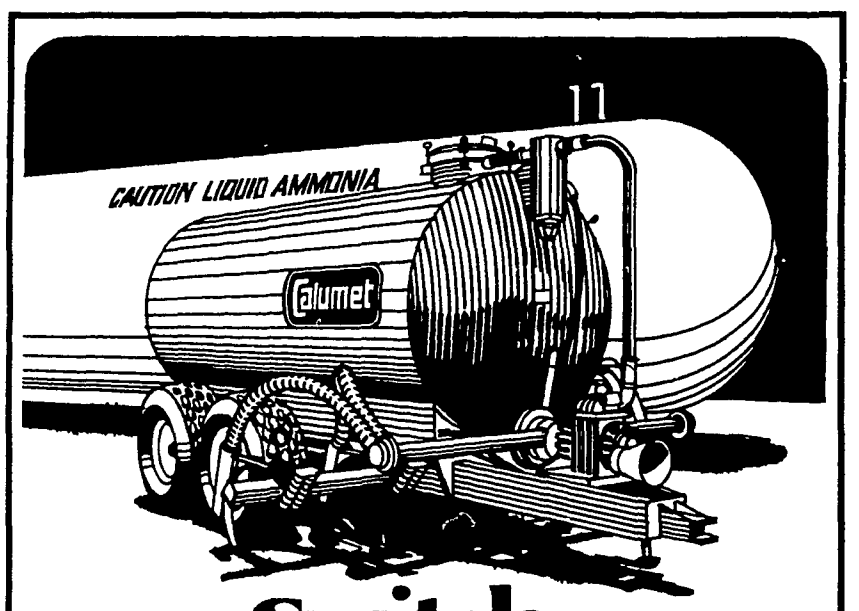
Dauphin's 4-H fair is August 6-8. Call 362-9930 for more information.

The 4-H club will be mowing lawns for senior citizens. Call 365-3404 to have your lawn mowed.

The next meeting will be held on June 8, 8 p.m. at Buffington's place. Showman and fitting demonstrations will be presented.

CHRIS CLOSSER





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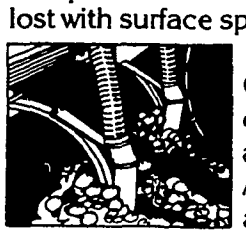

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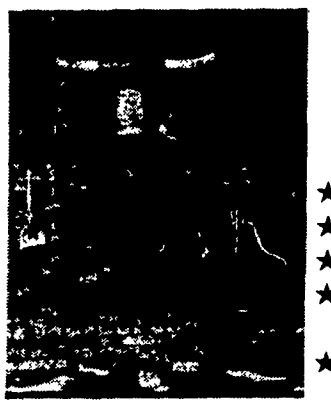

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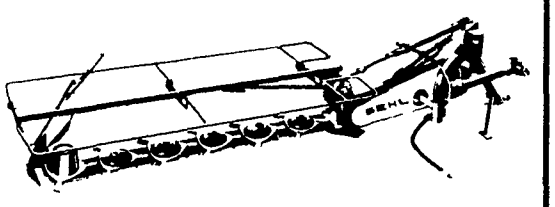

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4-H honors Mae Bleiler

BY LAUREL SCHAEFFER
Staff Correspondent

KEMPTON — Over 150 people from Berks and surrounding counties paid tribute to Mae Bleiler, Berks County Home Economist, May 15, for eleven years of dedicated service to the 4-H program.

Held at the Kempton Community Center, a buffet and hoedown were held as a farewell. Mae will be leaving Berks County in June and will reside in Hunterdon County, New Jersey, with new husband, Dale Hostetter.

During a program held before the hoedown, Mae was presented with gifts and a citation from the Berks County Commissioners proclaiming her important role in the development of the 4-H program, increasing its membership by 1,000 and developing the program into award-winning status.

In a program entitled "A Decade with Mae" county 4-H members and leaders briefly discussed their most memorable experiences with Mae, stressing the confidence, incentive, determination, and inspiration she has instilled in so many people. Dr. Paul Davis, 4-H development council president, showed slides of Mae dating back to 1971, during the early days of her career as extension home economist and 4-H leader.

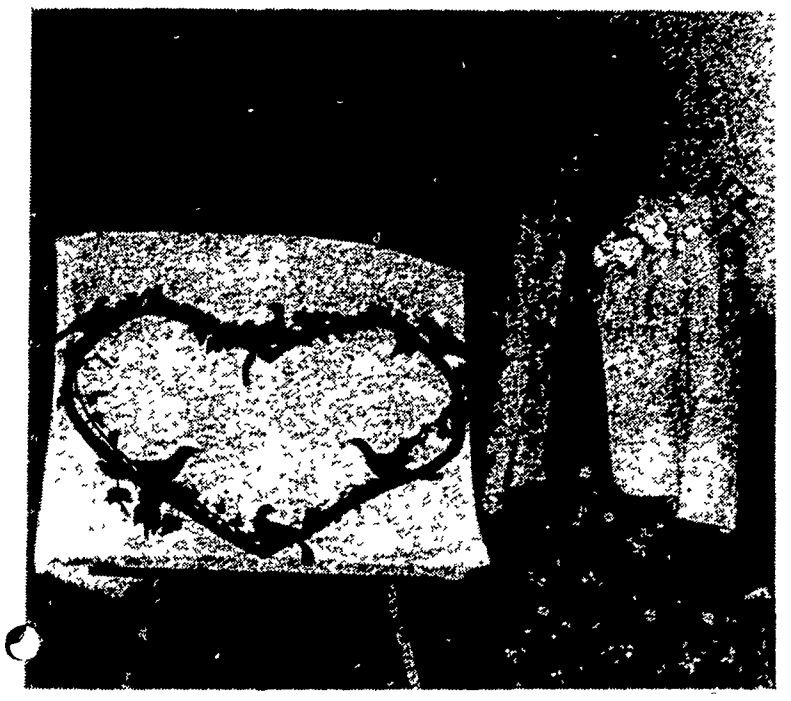
Dr. Morris Kramer, state 4-H director, commented on his first meeting with Mae, the third person he met when arriving in Pennsylvania, and added that he didn't know any young person who has had as much impact on a program on a county, state, national, or international level as Mae has had.

Also praising Mae for her exceptional accomplishments was Dr. William Lindly, regional liason to the southeast 4-H program.

Mae has previously received a distinguished service award from the National Association of Extension 4-H Agents.

Others contributing their remarks to the program were: Phoebe Ruth Bitler, master of ceremonies and previous 4-H member; Barbara Stratton, 4-H leader; Diane Sutliff Esh, 4-H leader; Kathy Yanos, 4-H member and leader; Lila Newhart, 4-H leader; Danielle Yoder, president of Berks County Council; Berks County Extension Director Herb Wetzel; Robert Leiby, Lehigh County Extension Agent; and Mrs. Helen Readinger, chairperson of the committee which organized the affair.

Commenting on her past experiences, Mae thanked everyone for their cooperation, stating that it was the people in Berks County that made her accomplishments possible and urged them to continue to work with the extension staff that is here. "Berks County will always be my home away from home," she added.



Mae Bleiler stands beside her handmade wall hanging; a gift presented to her from the Berks County Cooperative Extension Association's executive committee for her outstanding work with the 4-H and the county.

Boots and Saddles holds Open Fun Show

LANCASTER — The Boots and Saddles 4-H club held their Open Fun Show recently at the Fellenbaum Stables, Lancaster. Results are as follows:

Adult Championship Sandy Gochenauer; Reserve Ad Champ, Daphne Immel, Children's Champ, Jason Watts Res Ch Champ Bud Spahn

Grooming & Showmanship - Sr Div

1 Daphne Immel, 2 Sandy Gochenauer, 3 Arlene Wood 4 Wanda Aukamp, 5 Heather Howry

Grooming & Showmanship - Jr Div.

1 Bud Spahn, 2 Ken Sherlaw, 3 Shawn Autry 4 Doug Deibler, 5 Kari Nachbar

Open Halter Class

1 Bud Spahn, 2 Ken Sherlaw, 3 Daphne Immel, 4 Leslie Smith, 5 Eva Sherlaw

Leadline

1 Matthew Charles, 2 Heather Rubincam

Dollar Bareback

1 Jessie Zarfoss, 2 Kathy Myers 3 Jason Watts, 4 Millie Fisher 5 Wendy Griest

Open English Equitation

1 Jessie Zarfoss, 2 Gail Graver, 3 Sandy Gochenauer, 4 Leslie Smith 5 Wanda Aukamp

Pole Bending - 14 hands and over

1 Kathy Rubincam 2 Karen Eberle, 3 Millie Fisher

Pole Bending - under 14 hands

1 Jason Watts

Open Western Equitation

1 Daphne Immel, 2 Mary Seward, 3 Kathy Myers, 4 Ken Sherlaw; 5 Eva Sherlaw

Open Men's Western Pleasure

1 Jim Charles, 2 Mike Spahn, 3 David Wood 4 Randy Aukamp

Cloverleaf Barrel Race - 14 hds. and over

1 Kathy Runbincam, 2 Karen Eberle, 3 Millie Fisher; 4 Missie Charles, 5 Sandy Gochenauer

Cloverloaf Barrel Race under 14 hands

1 Jason Watts

Children's English Pleasure

1 Janet Wheat, 2 Kari Nachbar; 3 Jill Kettering 4 Esther Wittel

KeyHole Race

1 Kathy Rubincam, 2 Karen Eberle, 3 Millie Fisher, 4 Sandy Gochenauer, 5 Missie Charles

Open Ladies' Western Pleasure

1 Eva Sherlaw; 2 Mary Seward 3 Robin Gross 4 Sandy Gochenauer; 5 Daphne Immel

Walk, Jog/Trot Equitation

1 Doug Deibler; 2 Mike Charles, 3 Susan Wittel, 4 Kari Nachbar

Break and Out

1 Jessie Zarfoss, 2 Sandy Gochenaur, 3 Daphne Immel, 4 Millie Fisher, 5 Leslie Smith

Children's Western Pleasure

1 Doug Deibler; 2 Bud Spahn 3 Robin Gross 4 Ken Sherlaw, 5 Jodi Florschutz

Egg & Spoon

1 Sandy Gochenauer, 2 Jill Kettering 3 Kathy Rubincam, 4 Kathy Myers, 5 Denise Birgeman

Open English Pleasure

1 Leslie Smith, 2 Jessie Zarfoss 3 Arlene Wood, 4 Sandy Gochenauer; 5 Kathy Rubincamp

Pleasure Pony

1 Jason Watts 2 Kathy Myers 3 Jill Kettering 4 Janet Wheat, 5 Denise Birgeman

Open Road Hack

1 Jessie Zarfoss 2 Daphne Immel 3 Leslie Smith 4 Sandy Gochenauer, 5 Kathy Rubincamp

Open Trail Class

1 Daphne Immel 2 Denise Birgeman 3 Jason Watts 4 Wanda Aukamp, 5 Sandy Gochenauer

Open Western Pleasure

1 Eva Sherlaw 2 Mike Spahn 3 Ken Sherlaw 4 Daphne Immel 5 Sandy Gochenauer

Junior broiler contest held

NEWARK, Del. — In one of the most closely contested Delaware Junior Broiler Contests on record, Sondra Warren of Frederica has been named 1981 Champion. The Kent County 4-H'ers total score of 94.3 topped all other entries judged during recent finals at Lake Forest Senior High School in Felton.

Close behind Sondra was Anne Moore of Wyoming, an F.F.A member from Caesar Rodney High School, with a score of 94.05. Third place went to Cheryl Warren, a 4-H'er from Kenton, with 94 points.

Only 4.3 points separated the 1st and 20th placings, an amazingly close race, says George W. Chaloupka, University of Delaware extension poultry specialist. There were 102 entries altogether.

Besides having the highest total score, Sondra Warren also shared top honors for the heaviest entry with 4-H'er Sheila Bass of Viola. The top weight was 39.25 pounds for seven live birds entered, or an average of 5.61 pounds per bird. The heaviest average live weight in last year's contest was only 5.5 pounds. Overall average weight for all 1981 entries was 4.90 pounds per bird; 31 pounds heavier than last year for the same growth period.

Scores were based on a number of factors, including confirmation, condition, appearance and uniformity of entry, weight, and recordkeeping. Each contestant started with 50 wing-banded chicks. The best seven of each flock were judged.

This is the second year in a row that the grow-out period has been limited to 47 days, says Chaloupka. In 1975 it took competing broiler chicks 53 days to reach an average live weight of 4.74 pounds.

In 1965 it took birds 57 days to reach an average weight of 4.39 pounds. Back in 1955 competing broilers averaged only 3.8 pounds after 74 days. Today's shorter growth period is possible because of newer strains of faster-growing, feed-efficient broiler chickens.

The Delaware Junior Broiler Program is an educational project sponsored by the Delaware Poultry Improvement Association and the Delaware Cooperative Extension Service. Its purpose is to teach boys and girls how to raise a good flock of chickens, keep records and develop responsibility. Hatcheryman, feed dealers, Vo-Ag instructors, 4-H club agents, as well as local service clubs, all cooperative in the event.

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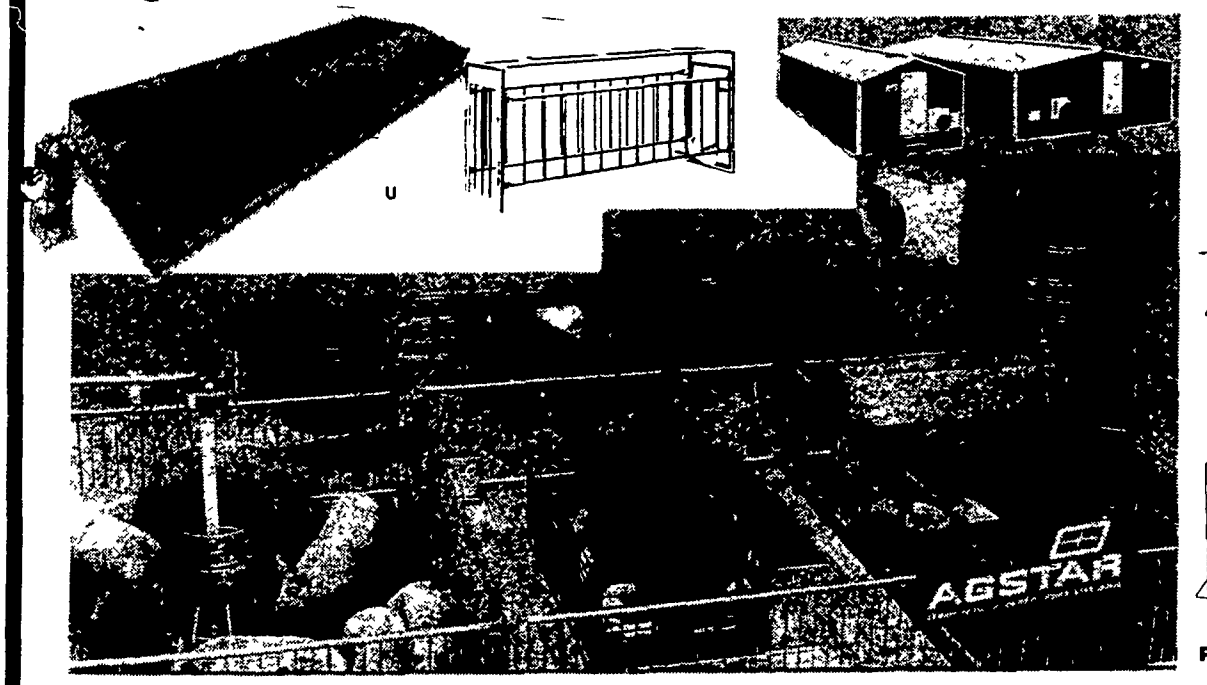

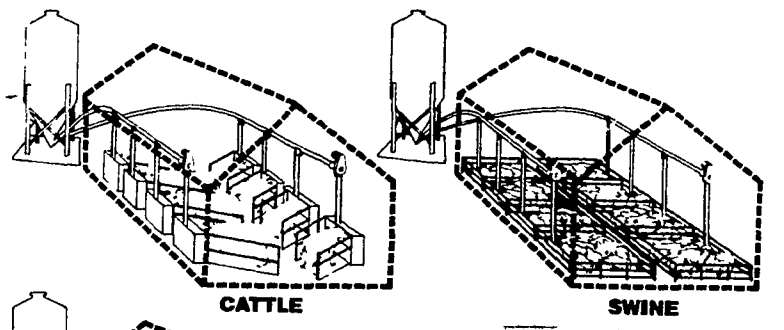

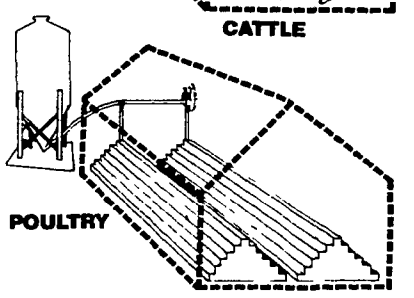

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It's time to cuddle a calf or love a lamb

BY DICK ANGLESTEIN

WEST WILLOW — The sheer, joyful excitement of the experience showed in both their voices and their eyes.

It bubbled forth in their voices like 7-Up just poured into a glass on a warm, summer day.

The stacatto squeals of delight and fascination were matched by ever widening eyes – similar to those that dance from one gaily wrapped gift to another on Christmas morning.

With a genuine zest and honest simplicity that is reserved for only the very young, the experience gave them a chance to cuddle a calf, hug a hare, love a lamb or pet a pony.

As students at Pequea Township Elementary School, they got these rare and memorable opportunities this week when members of the Manor FFA Chapter brought a bit of the farm to their school. Along with a similar visit to the Conestoga Elementary School, the chapter conducted the program as a Food for America project.

But it was more than just a first-hand, close-up chance to see and touch some of the animals that many of the students only view from an impersonal distance.

The FFA'ers from Penn Manor High School showed a brief movie to help explain where food originates on the farm and gave an explanation about each of the animals on display.

And the students – mostly in first through third grades – got an opportunity to test their own knowledge about the barnyard friends and ask questions about them to increase that knowledge.

Concerning the big 'black and white Holstein, the youngsters expressed a wide diversity of statistical knowledge – some amazingly accurate and some quite a bit off the mark.

For example, many knew the correct number of stomachs, but had little idea of how much milk a good cow produces in a day. They expressed equal amazement at how much feed must go into that cow each day to make that milk.

Also popular among the visitors to the school was a pair of turkeys -- a big strutting Tom and a more docile hen.

The grade schoolers were curious about the debeaking, but expressed no concern as some adults are doing these days. They readily accepted the explanation from the FFA host that the practice aids feeding efficiency and reduces injury among the birds.

The youngsters were more interested in how the Tom could change the colors and hues of his comb.

"Why does he show off so much?" one curious tot asked.

The off-the-cuff reply of the FFA chapter member couldn't have been more philosophically apropos to life in general beyond the turkey pen:

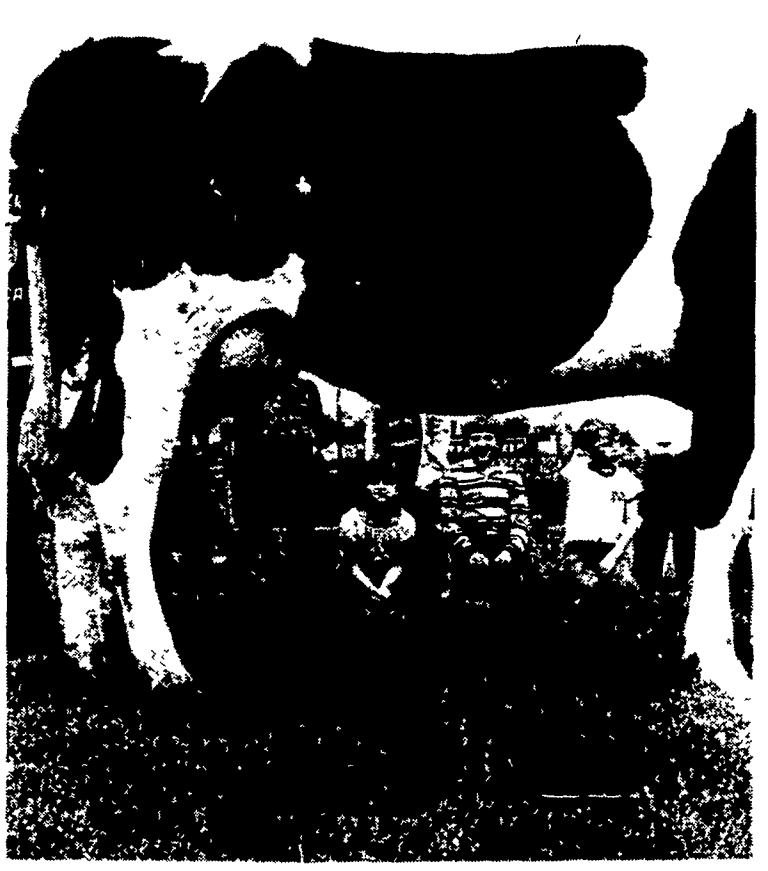
"I guess it's because that is the way males are around females."

It went over the heads of the youthful audience, but in not too many years it won't.

There were little animals for the students to hold, too.

As one young boy stroked the soft

(Turn to Page C20)



Students express a keen interest in the business end of the cow.

And Jeff Burkholder shows how the business end works.

I think I'll let him get his own grass.

Wow, look how his head changes color.

I wish I had a bunny like this.

Oh, it's so soft and lovable.

Whew! Where did those kids get all of that energy? It's been a long day and all of the excitement has me plumb tuckered out. It's time to get back to the farm where it's nice and quiet and get some well-needed rest.

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HESSTON FARM EQUIPMENT

Cuddle a calf

(Continued from Page C18)

fur of the jet black rabbit, he remarked:

"Why it feels just like my little sister's mittens."

The students weren't bashful about mingling with any of the animals, including a couple of pigs in another nearby pen. Often, their enthusiasm had to be restrained somewhat.

They particularly expressed affinity for the reason that pigs will romp and lounge in the mud whenever they get the chance.

In fact, some mothers may hear a new explanation of why Johnny or Janie got more muddy than usual while playing this summer.

I can just hear them saying:

"I was just trying to keep cool, Mom. Honest I was."

All in all, it was a full day on Monday for the Manor FFA Chapter members, the grade schoolers and the various livestock.

FFA members helping with the project included Bo Frey, Gerald Hess, Tim Hess, Nanette Musser, Jim Musser, Coleen Sparr, Beth Waldeck, Tammy Barley, Jeff Burkholder, Scott Shertzer, Jere Neff, Missy Greider and Mike Ream.

By mid-afternoon, some of the animals were plumb tuckered by all the attention and excitement. And the FFA'ers were showing some similar signs.

But I'm sure the energetic enthusiasm of the youngsters extended well beyond the school day.

Quite possibly, there were some interesting conversations over Monday night's dinner table about where this or that food originated on the farm.

But after all, that's what the FFA project is all about.

If you look closely amidst this sea of ardent admirers, you'll likely find a calf. Members of the Manor FFA chapter took a variety of livestock to elementary school students as part of a Food for America project.

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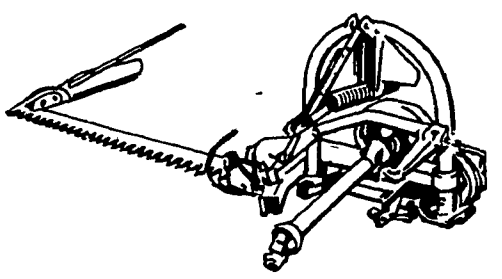

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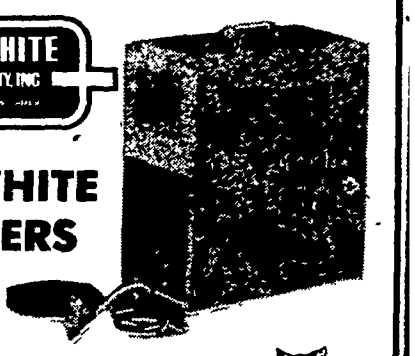

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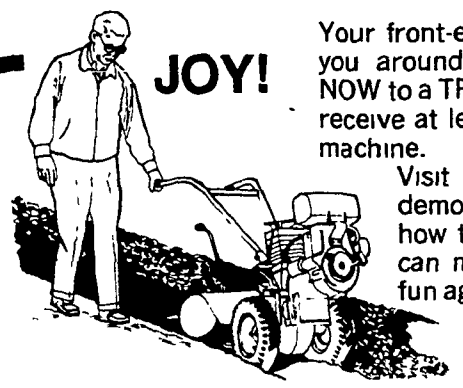

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Beverly Eisenhart wins 'ewe chain' lamb

BY JOYCE BUPP
Staff Correspondent

YORK — "I figured it was no use I enter; I never seem to win anything."

Nevertheless, 16-year-old Beverly Eisenhart penned her reasons for wanting to win a purebred lamb, offered as the prize in a "ewe chain" contest sponsored by the York Sheep and Wool Producers, and hurried the entry into the mailbox.

"I finished writing it at breakfast, and it probably still had toast crumbs scattered over it," she grinned shyly, after claiming the plump, 3-month old purebred Oxford female gifted to her during the shepherds' field day held last Saturday at the York 4-H Center.

Bev is the daughter of dairy farmers Mr. and Mrs. Keith Eisenhart, Davidsburg Road, Dover. A sheep enthusiast since her first year in 4-H, Bev has raised project market lambs for six years, including animals of the Corriedale, Suffolk, and Dorset breeds.

But the two lambs she's raised annually have all been market animals, and Bev has had to part with them each year at the 4-H Roundup. Because it was her dream to own breeding stock, in addition to themarket lambs, Bev took a chance on the Wool Producers' offer to award a purebred female lamb to the best entry in the "ewe chain" competition.

So toast crumbs and all, Bev's entry, written from the heart, captivated the contest judges and earned her the seed animal for her own breeding flock.

She explained she had always been interested in breeding sheep, but her dad had suggested that maybe she should wait until she was a bit older.

"If I wait until I'm any older, it will be too late as far as 4-H goes," lamented Bev in her winning essay. She also promised that if she were to win the ewe lamb, she "would give it all the attention, care and love I give my market lambs, if not more."

The as yet unnamed lamb is

(Turn to Page C22)

Beverly Eisenhart accepts her purebred Oxford lamb, the first link in an "ewe chain" sponsored by the York Sheep and Wool Producers. George Dutrey, president of the county shepherds organization, made the presentation.

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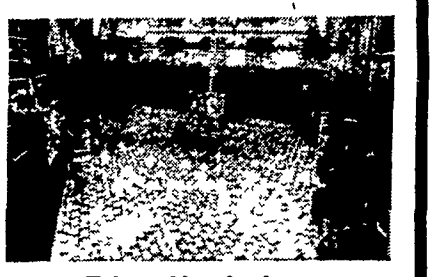
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Eisenhart wins lamb

(Continued from Page C21)

required to be shown at the York Fair in September. It will later be returned temporarily to the donors, the Greg Lau family at Loganville, for breeding.

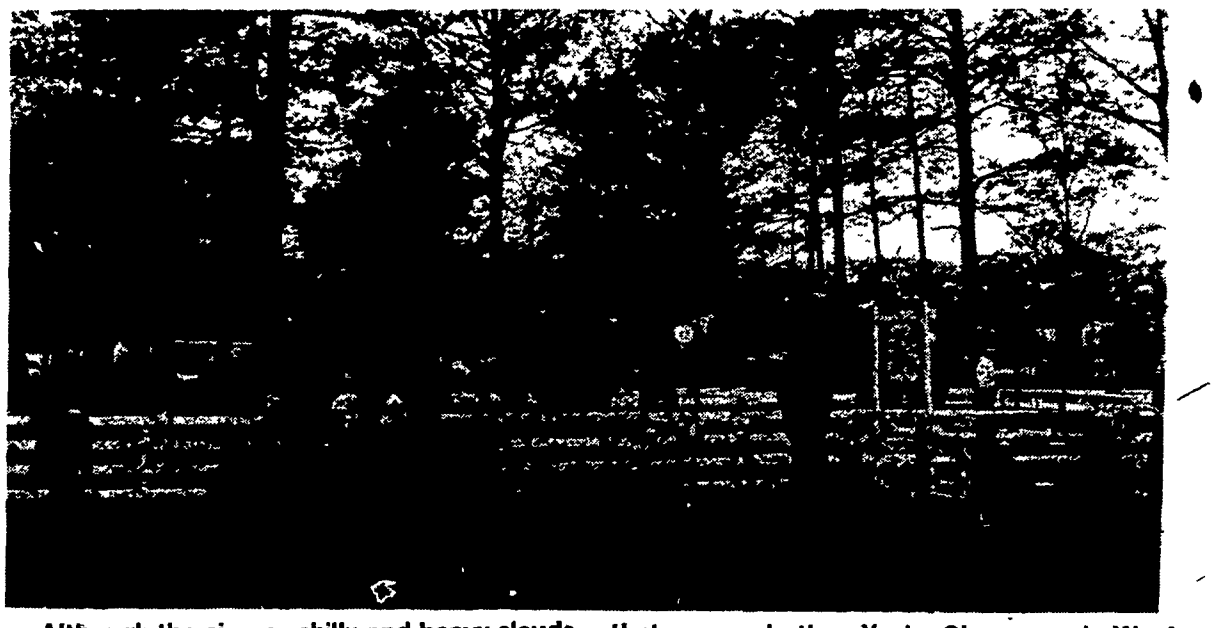
If the offspring is a female, that ewe lamb will be returned to the Sheep and Wool Producers for allocation to another lucky "chain" recipient.

If the first offspring is a ram, it will remain the property of Bev, and the ewe will be bred again. That second offspring would become the property of the Sheep Producers group, to be given away if it is a ewe, or if a ram lamb, to be sold for the purpose of purchasing another "chain" animal.

After the chain lamb is repaid to the association, all subsequent offspring will remain the property of Bev for building her own flock.

A member of the 4-H program for six years, shepherdess Bev is active in the county's lamb club, Thomasville Community Club, exchange, and county council. She's a teen leader and carries projects in sewing, leathercraft and ceramics.

Over eighty buyers from the county, and from as far away as upstate Pennsylvania and Maryland, registered for the market lamb and purebred stock sale featured on the afternoon program. The field day included morning sessions on spinning, shearing and lamb carcass cutting.



Although the air was chilly and heavy clouds lumbered overhead, bidding was warm and spirited for the market lamb and purebred sale that capped the York Sheep and Wool Producers field day.

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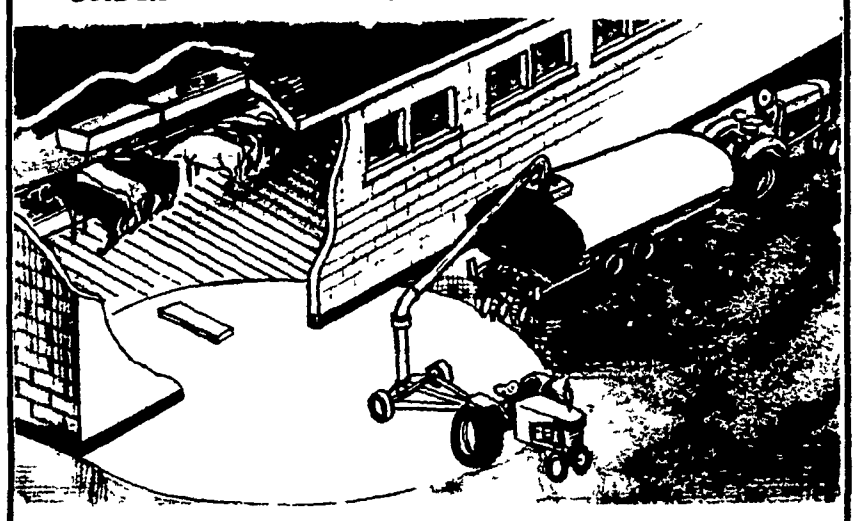

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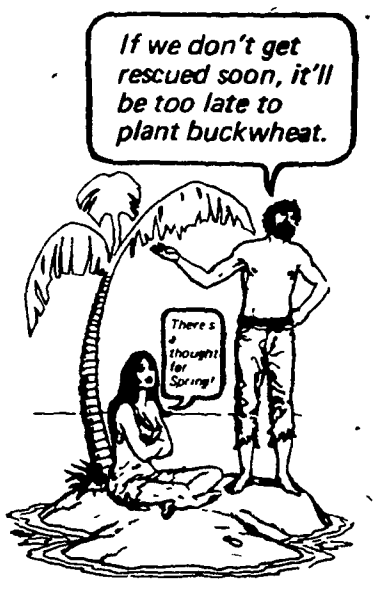

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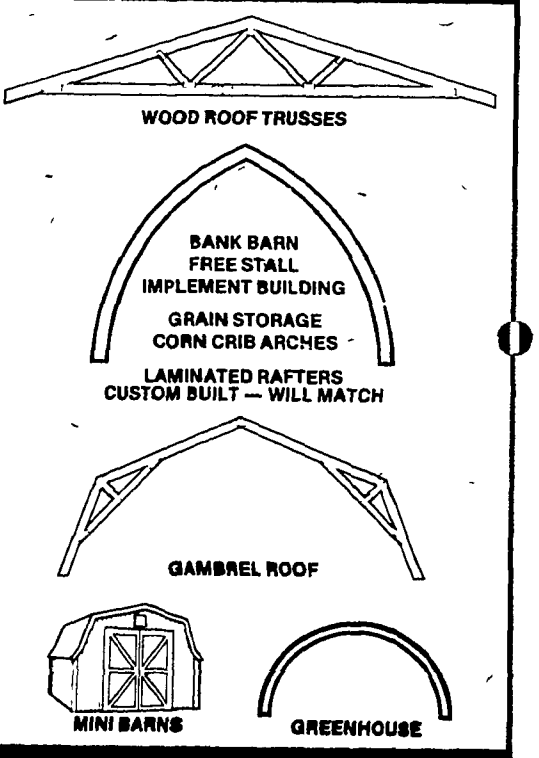

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Area engines honors to Twin Valley

ELVERSON — Twin Valley FFA members recently participated in area FFA contests, which included Berks, Lebanon and Schuylkill counties, with the chapter small engines team earning a berth to the state contest.

Dave Schlimme and Eric Timm will compete against 40 other teams at Penn State in June. Dave, son of Mr. and Mrs. Harry Schlimme, of R2, Elverson, finished third in individual competition; with Eric, son of Mr. and Mrs. Frederick Timm of R1, Birdsboro, finishing fourth As a team they placed second, behind the Eastern Lebanon County High School team, which will also compete in the state contest.

The small gasoline engines contest tests both basic small engine knowledge and practical application of this knowledge. Individually, each student must take a written test of small engines and complete a worksheet on using a service manual. Students must also be able to identify small engine parts and tools and give their function or use.

While students are completing this part of the contest, judges are working feverishly to "bug" their engines. Then working as a team, contestants must get their engine to run properly. Throughout this portion of the contest, each student is also scored on proper use of tools and safety.

This contest is the culmination of the small gasoline engines unit taught to vocational agriculture students throughout Pennsylvania. At Twin Valley, tenth grade students receive this unit with one team of two students eligible to represent the FFA chapter in the area contest.

In the area FFA Interview contest, Brenda Werner, daughter of Mr. and Mrs. John Werner, placed fourth; with Lisa Yoder daughter of Mrs. Blanche Yoder, placing tenth. In this contest each student must write a letter of application for a job, complete a job application, and be interviewed by a judge.

In the salesmanship contest, Scott Stoltzfus, son of Mr. and Mrs. John W. Stoltzfus, placed eleventh; with Tom Hornberger, son of Mr. and Mrs. Tom Lafferty, finishing twelfth. Salesmanship contestants must sell selected agricultural commodities, such as grease, paint, dairy cleanser, grass seed, and herbicides to a knowledgeable judge. Following the sale, which tests their knowledge of the products, they must complete a sales receipt including calculation of tax and make change. —

Cedar Crest elects officers

LEBANON — The Cedar Crest FFA Chapter recently held its election of officers for 1981-1982.

The newly elected officers are president, Steve Wenger; vice-president, Dale Zuck; secretary, Scott Eckenrode; treasurer, Bob Bomberger; reporter, Mark Patches; sentinel, Jeff Zuck; parliamentarian, Chris Patches; chaplain, Dave Ludwig.

Also, asst. vice-president, Heidi Peiffer; asst. secretary, Rick Houser; asst. treasurer, Dan Groff; and asst. reporter, Dave Groff.

Berks lists FFA contest winners

ELVERSON — Livestock judging, forestry and land judging contests for Berks County FFA chapter members were hosted by the Twin Valley Chapter on Tuesday, May 5.

Participating in the various contests, in addition to Twin Valley Chapter members, were contestants from Conrad Weiser, Tulpehocken, Kutztown and Hamburg chapters.

Teams from Twin Valley captured two of the contest championships — livestock judging and forestry — while the Tulpehocken team finished first in the land judging.

In livestock judging, the top 10 individuals in order of finish included:

Rich Wilson, Conrad Weiser; Nelson Beam, Twin Valley; Scott Stoltsfus, Twin Valley; Tom Hornberger, Twin Valley; Dan Adam, Kutztown; Steve Mertz, Kutztown, Dan Faust, Kutztown; Tim Deamer, Conrad Weiser; Greg Raser, Twin Valley; and Henry Adam, Kutztown.

Finishing behind Twin Valley in team scoring were Kutztown, Conrad Weiser and Hamburg.

The top 10 placers in the forestry competiton in order of finish were:

Wade Bernard, Twin Valley; Ron Bennett, Twin Valley; Eric Timm, Twin Valley; Pam Trostle, Twin Valley; Bob Boxer, Conrad Weiser; Loren Kieffer, Twin Valley; Karl Schmeck, Conrad Weiser; Kevin Ulrich, Conrad Weiser; Terry Hollinger, Conrad Weiser; and Allen Schaeffer, Conrad Weiser.

The order of finish of the top 10 contestants in land judging included:

William Lesher. Tulpehocken; Richard Savidge, Kutztown; Kerry Rutherford, Kutztown; Gary Deck, Tulpehocken; Robert Miller, Twin Valley; Bill Kirk, Twin Valley; Kim Noyes, Twin Valley; Daniel Moyer, Tulpehocken; Debbie Healey, Twin Valley; and Cliff Miller, Twin Valley.

Team placings behind the top Tulpehocken group included Kutztown, Twin Valley, Conrad Weiser and Hamburg.

Land judging winners named

LEBANON — The Lebanon County FFA Land Judging Contest was held May 6 at Lloyd Burkholder's Farm.

The top three placings included Dean Patches, first, Northern Lebanon with a score of 265 points; Tony Yordy, second, Annville-Cleona, with a score of 255 points; and third, Scott Eckenrode, Cedar Crest, with a score of 253 points. Other members from Cedar Crest included Heidi Peiffer with 232 points, Bob Bomberger with 230 points, Steve Wenger with 229 points, and Bob Beard with 224 points.

The judges for the contest were Clair Gerbrick, of the Lebanon County SCS and Karl Hellerick, of the Lebanon County SCD.

York Lamb Sale posts prices

YORK — The York Co. Sheep Field Day & Lamb Sale was held May 16 at the York Co. 4-H Center at Bair Station.

A wool fleece sale was held and wool sold between $1 and $2 per pound.

The 170 lots of sheep and lambs sold as follows: Suffolk market lambs $65 to $160; registered Suffolk ewes $150 to $250; Suffolk rams $60 to $340. Hampshire market lambs $50 to $95; Hampshire ewes $95 to $160; Hampshire ram $65. Dorset market lambs $30 to $77.50; Dorset ewes $50 to $100; Dorset ram $75. Southdown market lambs $25 to $35; Southdown ewe $40. Cheviot market lambs $35 to $45; Shropshire market lambs $35; Oxford market lambs $50; Oxford ewe $80. Crossbred market lambs $45 and $70; colored breeding sheep - ewe lamb $75; ram lamb $125; yearling ewe & lamb $130.

Auctioneer was Blaine Rentzel.

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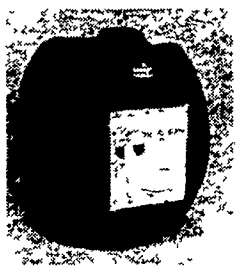

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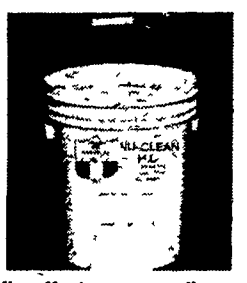

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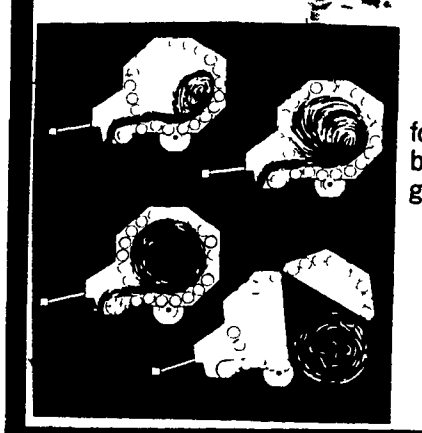

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Farm and Home awards $15,000 in scholarships

BY SALLY BAIR
Staff Correspondent

LANCASTER — The Farm and Home Foundation announced scholarship awards of $750 each to twenty area students to be used during their freshman year of college.

Eight scholarships were given to agricultural students, four to home economics students and eight to nursing students. Awards were made on the basis of financial need, scholastic achievement and leadership ability.

In presenting the 20 students to the Board of Directors, M. Max Smith, scholarship committee chairman, recognized the outstanding records of the applicants. Winners were honored at a reception hosted by Board members.

This is the second year that scholarships have totalled $750 for 20 students. The program has been in operation for 17 years, beginning with two awards.

Winners in home economics include:

Jenny Chau, 20, 871 Pointview Avenue, Ephrata, is the foster daughter of Sonya Burkholder. Jenny will graduate from Ephrata High School and plans to attend the Tracy Warner School of Fashions in Philadelphia to study fashion technology. Jenny says she put together her two talents of sewing and designing her own clothes and painting when selecting a career. She has been in 4-H for two years and is in the sewing, craft and art clubs at school.

Naomi Frederick, 17, is the daughter of Mr. and Mrs. Jacob Frederick, 906 Pine Hill Road, Lititz. A senior at Lancaster Mennonite High School, Naomi will attend Eastern Mennonite College and major in Community Development. She feels this major will allow her to share opportunities with people who have not had her advantages. She is a member of the chorus and the student council and is secretary of the youth group at Lititz Mennonite Church as well as being a Sunday School teacher.

Carol Martin, 17, is the daughter of Mr. and Mrs. Kenneth Kreider, Strasburg R1. A senior at Lampeter Strasburg High School, Carol will attend Eastern Mennonite College and major in dietetics or food management. Carol works at the Dutch Wonderland amusement park and is treasurer of the youth group at Neffsville Mennonite Church. She chose her major because, "I enjoy working with food and preparing it and I like watching diets."

Cecile Wolgemuth, 17, is the daughter of Mr. and Mrs. Bernard Wolgemuth, 761 Walnut Street, Columbia. After graduating from Lancaster Catholic High School, she will attend Immaculata College to study fashion merchandising. In school she was active in the student council, National Honor Society, editor of the yearbook, a member of the drill team and participates in youth LARC. A Sunday School teacher at Holy Trinity church, Cecile says she chose her major because, "It is a field where I can be creative and use both math and business skills."

The winners in agriculture include:

Jere Grube, 17, son of Mr. and Mrs. Weidler Grube, Manheim R7. A Hempfield High School graduate, Jere will attend The Pennsylvania State University and major in general agriculture. He said, "I grew up on a farm and got my interest from that. I didn't want to specialize to start." He was a member of the cross countr , and track teams and participated .n Key Club. He is in " vouth group at Zion Lutheran ..ch in Landisville and belonged to both Boy Scouts and 4-H.

Barbara Herr, 18, Narvon R2, is the daughter of Mr. and Mrs. Robert Herr. Upon graduation from Garden Spot High School, she will attend The Pennsylvania State University to major in agricultural education with a minor in animal production. A 4-H'er for nine years, Barbara carried sheep projects. In FFA she had beef, swine and lamb projects and is currently president of the Red Rose Chapter. She said, "I have always been around livestock and it is my major interest. I want to better the field and learn as much as possible."

Douglas Hershberger, 18, is the son of Mr. and Mrs. Robert Hershberger, Quarryville R4. When he graduates from Solanco High School, he will attend The Pennsylvania State University to major in dairy production. Also a nine year veteran of 4-H, he is active in FFA serving as county vice president and president of the Solanco chapter. He was also junior and senior class president and president of the National Honor Society. He is active in the Mechanic Grove Church of the Brethren. Doug said, "In case I don't farm, I'm looking forward to having a job in that field. I like working with people and would enjoy working in public relations for a cooperative."

Darlene Horning, 17, Denver R1, the daughter of Mr. and Mrs. Harvey Horning. A senior at Garden Spot High School, she will attend the Berks Campus of The Pennsylvania State University to begin the pre-veterinary course. She says, "I've enjoyed agriculture since elementary school, and I spent many days with the veterinarian. I live on a farm and I love animals." She has served as secretary and president of her FFA chapter and sang with the Voices of Victory Chorus. She is a member of Gehman's Mennonite Church.

Michael Landis, 17, is the son of Mr. and Mrs. David Landis, 843 Furnace Hills Pike, Lititz. After graduation from Warwick High School, he will attend Virginia Polytechnic Institute and State University to major in agricultural economics. In school he was co-captain of the wrestling team and vice president of the National Honor Society as well participating in intramurals. He is vice-president of the group at the Lititz Church of the Brethren. He chose his major because of his interest in farming, adding, "I really enjoy it and I like math so would like to work in farm management and farm credit."

James Smith, 18, 4 Brandt Boulevard, Landisville, is the son of Mr. and Mrs. Jay Smith. He will graduate from Hempfield High School and attend Iowa State University where he'll study general agriculture. In the basketball and Key Club at School, Jim says, "I chose my major because of my interest in farming."

Virginia Smith, 18, is the daughter of Mrs. Livonia Smith, 566 Buttonwood Road, Millersville. After graduating from Penn Manor High School, she will attend the University of Delaware to major in entomology. She says, "I've been interested in insects all my life. I love science and biology and spent six years in 4-H with the entomology project." She participates in the band and two pit orchestra and is a member of the National Honor Society and the Pennsylvania Junior Academy of Science.

Gregory Stapleton, 17, is the son of Mr. and Mrs. Girard Stapleton, Christiana R2. Graduating from Octorara High School, Greg will attend Delaware Valley College to

(Turn to Page C26)

Six of the winners of the Farm and Home Foundation scholarships valued at $750 each include from left: Barbara Lynn Herr, Douglas Hershberger, Naomi K. Frederick, Jim Smith, Jenny Chau and Jere Grube.

Recipients of Farm and Home Scholarships in the field of nursing include, from left: Muriel Mauro, Mindy Desch, Gail Kocher, and Elizabeth Leininger. They are four of eight nursing candidates to receive the $750 awards.

Four of the eight scholarship winners in the field of nursing include Gloria Wenger, Lois Valle, Robin Staab and Patricia Royer. They each received a $750 scholarship from the Farm and Home Foundation.

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Scholarships awarded

(Continued from Page C24)

study agricultural education. He says, "It is the only field I realistically see myself in. I'd like to be a teacher." He is a member of the National Honor Society and the cross country, wrestling and track teams. He is vice-president of his FFA chapter and a member of the parliamentary procedure team. He attends the Coatesville First Baptist Church

Nursing award winners include:

Mindy Desch, 1128 Olde Hickory Road, Lancaster, daughter of Mr. and Mrs. Paul Desch. Graduating from Manheim Township High School, she will attend Lancaster General School of Nursing, saying, "I want to go into emergency care. I know what they do and I know what to expect." Her learning comes because of a year of "running" ambulance with Manheim Township and West End companies. She is on the track team and works with deaf children on the elementary level.

Gail Kocher, 17, 220 North Walnut Street, Lititz, is the daughter of Mr. and Mrs. Paul Kocher. She is a senior at Warwick High School and will attend Lancaster General School of Nursing with a goal of a B.S.N. She chose her career because, "My mother is a nurse and my father had a heart attack after which I decided to specialize in heart care." She is a member of the silk squad of the band, has been on the yearbook staff for three years and participates in the Green Circle. She is a member of the First Church of God, Lancaster.

Elizabeth Leininger, 18, is the daughter of Mr. and Mrs. Norman Leininger, Leola R1. A senior at Lancaster Mennonite High School, she will attend Lancaster General School of Nursing, because "I enjoy helping people in any way I can. Nursing will give me the advantage of doing that." She is a member of the National Honor Society, a leader of a Gospel team, participates in school choruses and plays in intramurals.

Muriel Mauro, 17, is the daughter of Mr. and Mrs. Joseph Mauro, 757 Eden Road, Lancaster. A senior at Manheim Township High School, she will study nursing at the University of Delaware, a field she chose because "I wanted a job where I could help others." She is president of the National Honor Society, plays hockey and participates in the Special Olympics sponsored by I.U. 13. She is social chairman of the youth group at Calvary Independent Church.

Patricia Royer, 18, is the daughter of Mr. and Mrs. Ramon Royer, Ephrata R4. A senior at Conestoga Valley High School, she will attend the Indiana University of Pennsylvania. In school, she was a drum majorette, accompanist for the chorus, cheerleader and a member of the chorus. She participated in the music matters club, the Bible club and the yearbook club and is in the Youth Group at Grace Fellowship She chose nursing because, "I work at a rest home now and I really like it. I like the medical field and will possibly specialize in geriatric care."

Farm and Home Foundation scholarships totalling $750 each were awarded for the study of agriculture and home economics to the following, from left: Carol Martin, Greg Stapleton, Virginia Smith, Cecile Wolgemuth, Darlene Horning, and Michael R. Landis.

Robin Staab, 18, is the daughter of Mr. and Mrs. Robert Staab, 734 Hershey Avenue, Lancaster. After graduation from Lancaster Catholic High School, she will attend Lancaster General School of Nursing to study physical therapy. She chose nursing, she says, "Because I love working with people and think it will be a rewarding job." She is field commander for the band, is in basketball, the yearbook staff and the pep club.

Lois Vaile, 18, is the daughter of Mr. and Mrs. George Vaile, 430 Surrey Drive, Lancaster. Graduating from Manheim Township High School, she will go to Bloomsburg State College to pursue her nursing career. She said, "My grandfather died of cancer and I would like to try and help others who have that disease or something else." She played basketball, field hockey and was captain of the softball team.

Gloria Wenger, 18, Manheim R2, is the daughter of Mr. and Mrs. John C. Wenger. A senior at Manheim Central High School, she will attend St. Joseph's Hospital School of Nursing. She is a member of the National Honor Society, the senior high chorus, the Future Homemakers of America and the medical careers club. She also belongs to Erisman's Mennonite Church. She said of her career, "I always wanted to do it because I like to help people."

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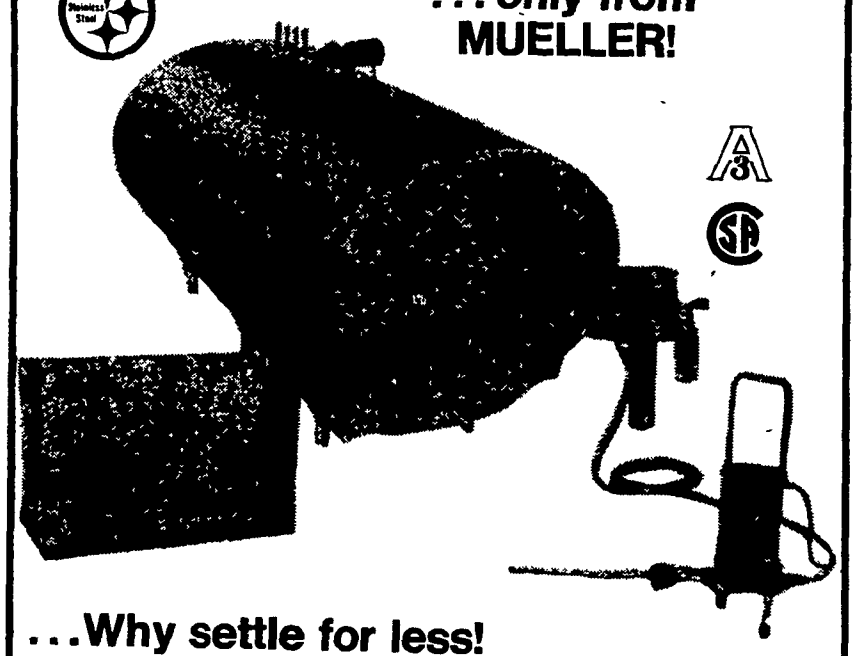

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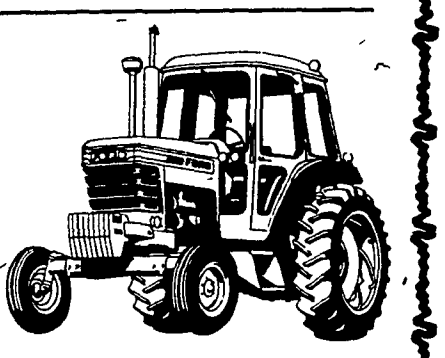

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Nancy Burkhart makes soil conservation her career

BY DEBBIE KOONTZ

LANCASTER — "Thanks to you we still have a home" is the brief message written across a bird and animal poster above the door at the Lancaster County Conservation District's office at the Farm and Home Center.

The message, so full of meaning for Soil Stewardship Week and yet actually displayed all year long, emphasizes our national observance this week of man's responsibility to protect and conserve soil, water and other natural resources.

The force behind the poster designed to incite all who walk through the door, is Nancy Burkhart, executive secretary for this county's conservation district, and a friendly, interesting character, always ready with a smile and a helping hand.

She hung the poster as her way of promoting a job in which she believes. It is also Nancy who mails and coordinates all the information you receive from the Conservation office.

But handling conservation matters is not the extent of her work; she also practices and preaches it. She says that through the years she has learned enough to be able to answer the majority of the calls the office receives.

"They trust my judgement enough that often I'll get calls at home from people wanting to know what to do about erosion or water drainage."

Nancy's interest in soil conservation began through her husband, Don.

"He worked at conservation work, excavating and landscaping, for 25 years in his own business. I just picked up on all the proper practices and the lingo through listening to him. It interested me."

It interested her so much in fact, that she has worked for the district for 15 years. She recently was honored for this attribute at their

(Turn to Page C28)

Nancy Burkhart reads a copy of the Soil Stewardship Week booklet, one of 31 she will send to area ministers. She serves as executive secretary for the Lancaster County Soil Conservation district.

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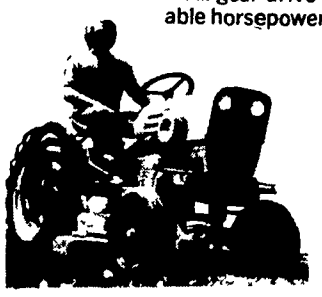

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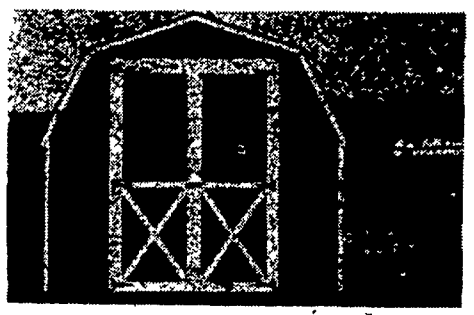

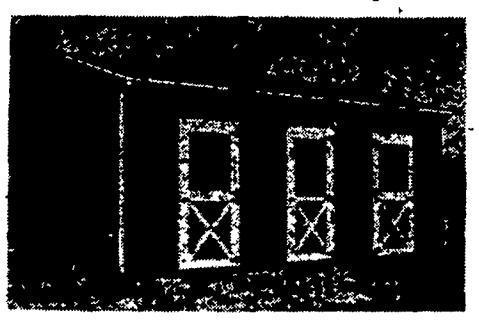

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Burkhart's career

(Continued from Page C27)

annual banquet and was presented a certificate of appreciation.

But she claims the work is enjoyable because she has a "great group of directors to work with. And Tom (Johnston), my boss, is a great person. I really enjoy it.

"Something different happens everyday. It's very challenging. I like working with the farmers and landowners who come through my door. I try to encourage good, sound conservation practices with them," she adds.

She further explained that her work includes helping people become cooperators with the conservation district.

"I assist them by explaining our programs and I get the boundaries of their farm and any special problems they may have that require Tom's guidance," she said.

This month, Nancy's workload increased immensely. Promotion of Soil Stewardship Week is no easy job. She had to mail 31 booklets, 1450 church bulletins, 1200 inserts and poems and 800 litanies to ministers, friends, farmers, landowners and publications.

In addition, Nancy serves as treasurer for the board of directors, serves on the banquet committee each year (and makes all the candy mints for the occasion) and helps to co-chair the tree seedling sale.

The dedication to soil conservation in the Burkhart family has spread to son Douglas who is currently majoring in horticulture at Penn State.

"I guess he just grew up with it," Nancy added smiling.

Do the Burkharts take thier work seriously? Yes, says Nancy.

"We recently took a trip to Florida and were impressed with all the bulldozing going on. We did notice some places where the waterways were not properly maintained, however. We often notice these things when out driving," she laughed.

Nancy says she feels that people in Lancaster County are very good tillers of the soil.

"We talk to a lot of people in other counties and in comparison I feel we have a lot of farmers who are conservation-minded. I think we would excel any other county," she proudly states.

"About 65 percent of the farmers in Lancaster County are cooperators, which is fairly good but we encourage everybody to come to us," she adds.

To become a cooperator, one need only go to the office at the Farm and Home Center, give a big, friendly "hi" to Nancy and fill out a form stating any problems you may have such as surface water control, sedimentation control, irrigation systems or cropland management.

Lehigh FFA wins in livestock contest

DOYLESTOWN — The Lehigh County FFA Chapter competed in the Southeast Livestock Judging Contest held recently at Delaware Valley College. A total of 22 members attended from different chapters.

The top ten placings were 1st, Cheryl Wessner; 2nd, Bryon Jones; 3rd, Lance Forster; 4th, Drucinda Smart; 5th, Wally Fritsch; 6th, Marty Baker; 7th, Dale Kressley; 8th, Brenda Glass; 9th, Brian Godfrey; 10th, Ginny Rocchino.

The first-place team was from Lehigh County Chapter which consisted of Cheryl Wessner, Wally Fritsch, and Dale Kressley. The second-place team was from Philadelphia and the members consisted of Lance Forster, Drucinda Smart, and Marty Baker. The third-place team from Upper Bucks consisted of Ginny Rocchino, Denise Johnson, and Kris Shrive. The students judged three classes of beef animals, three classes of sheep, and two classes of hogs.

The Lehigh County FFA Chapter also competed in the Southeast Area Dairy Judging Contest held at the college. A total of 20 members attended from different chapters. The top ten were 1st, Marty Baker, Philadelphia; 2nd, Lance Forster, Philadelphia; 3rd, Brian Dietrich, Lehigh; 4th, Ron Geissinger, Upper Bucks; 5th, Zulma Jorge, Philadelphia; 6th, Dan Romdnyzym, Lehigh; 7th, Ted Waters, Philadelphia; 8th, Ed Rick, Upper Bucks; 9th, Brian Godfrey, Philadelphia; 10th, Henry Heyer, Lehigh.

The first-place team from the Philadelphia chapter consisted of Marty Baker, Lance Forster and Zulma Jorge. The second-place team consisted of Brian Dietrich, Dan Romdnyzyn and Henry Heyer. The third-place team from Upper Bucks consisted of Ron Geissinger, Ed Rick and Kris Shive.

The Lehigh County FFA Chapter will select certain people from each team to compete in the State Judging Contest at Penn State in June.

Parliamentary winner

MIDDLEBURG — The Middleburg FFA Chapter Parliamentary Procedure Team won first place at the North Central Regional Contest held May 7 at the Montoursville High School.

A total of eight teams competed in the contest.

Members of the Middleburg team included Dave Ebright, president; Kenneth Blank, vice-president; Dennis Feltman, sentinel; Luke Howard, reporter; Barb Maneval, treasurer; Scott Kerstetter, secretary; Tommy Benfer, chaplain; and John Reigle, advisor.

The team is scheduled to compete at the state contest at Penn State during FFA Week June 16-18.

Hunting season, limits to be set at public meeting

HARRISBURG — The Pennsylvania Game Commission will establish hunting and trapping seasons and bag limits on Wednesday, June 3, for the 1981-82 hunting license year.

The meeting, which will be open to the public, will be held at 8:30 a.m. at the Game Commission's headquarters, 8000 Derry Street, Harrisburg.

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Australian exchange program announced

WASHINGTON, D.C. — A colorful year of international living "down under" is available to American high school students this winter. Registration for this year's Australian exchange program was announced this week by Youth for Understanding.

Students chosen for the program will start classes in January when the Australian school year begins and will return to the United States in time for Christmas.

They will live as members of Australian families, attend school, and experience Australia's richly varied culture first hand.

Approximately 125 students will be selected for the program on the basis of academic achievement and personal interviews. Applicants must have birthdates between October 1, 1963 and December 31, 1967, and a grade point average of 3.0.

To apply, students should call the YFU Regional Office at (215) 646-5266. The program fee of $3965 includes round trip air fare from San Francisco. Students will pay their own way to and from the departure point. A limited number of partial scholarships are available, with awards ranging from $250-$1,000.

"Learning through international living is the main goal of all our programs," explained Susan Greene, YFU's Director of U.S. Programs. Youngsters chosen for the Australia experience will be far more than tourists, Greene emphasized. "They will be active participants in everyday Australian life, especially family life.'

YFU's extensive support services will make the transition to Australian culture easier for participants. Students will receive four carefully designed orientations: one before departure, one right after arrival, another three months later, and a fourth before coming home.

"'Orientation' may sound a little dull," commented Michael Mercil, head of YFU's Orientation Department, "but we've planned some exciting group activities that make the students feel right at home." Previous orientations have been combined with field trips to the Outback and tours of cities like Sydney and Canberra.

Another factor that makes adjustment easy is the Australians' legendary hospitality. As one former YFU exchange student put it, "I was surprised at how friendly the people were. You sit in a restaurant or public place and people talk to you, even in big cities." Participants are also sure to relish Australia's active outdoor life, which boasts some of the finest swimming, surfing, tennis, and golf in the world.

This year, YFU celebrates the exchange of more than 80,000 students during its 30-year history. Youngsters from the U.S., Latin America, Europe, Asia, and Australia have participated.

DER compiles recycling directory

LANCASTER — The Lancaster County Conservation District is cooperating with the PA Department of Environmental Resources in locating groups in Lancaster County which are involved in recycling operations.

This will be compiled into a statewide directory. The directory will contain companies in the area which buy recycled materials for use in their manufacturing process.

Recycling organizations and businesses interested in being included in this directory should contact Tom Johnston at the Lancaster County Conservation District, Room 6, Farm and Home Center, 1383 Arcadia Road, Lancaster, PA, 17601, or phone 299-5361.

Include your name, address, phone number, and include materials which you accept in your recycling operation.

Broiler placements down

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 9 were 2,433,000, according to the Pennsylvania Crop Reporting Service.

The placements were four percent below the corresponding week a year earlier and two percent below the previous week. Average placements during the past nine weeks were two percent above a year ago.

Placements in the 21 key poultry producing states were 86,273,000, one percent above the previous week and five percent above the same week a year earlier. Average placements in the 21 key states during the past nine weeks were four percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending April 29 totaled 1,984,000, with an average liveweight of 4.01 pounds.

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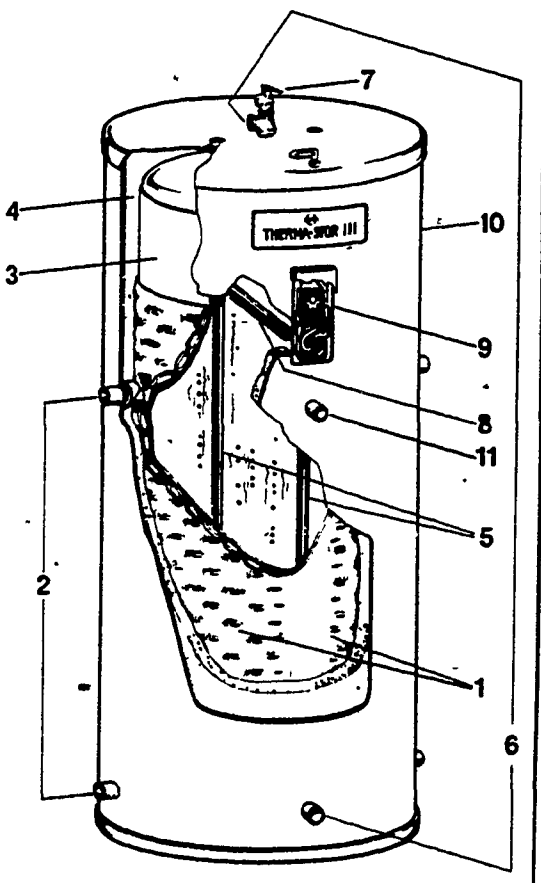

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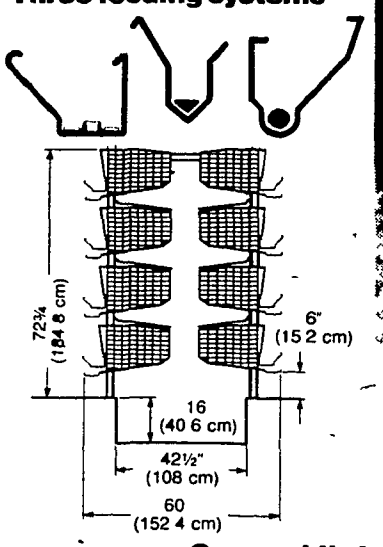
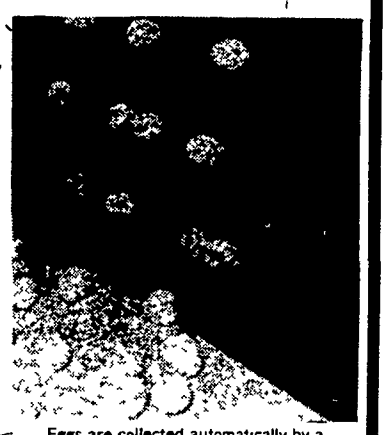
The Diamond Stacked Layer Cage System is available with your choice of three feeding systems the Flat Chain F 80 Deep 'V' or Link Chain And three watering systems troughs cups or nipples Doors are located on front of all cages Installation is fast and easy

Three feeding systems



Manure is deposited on rust proof fiber glass manure chutes under each tier of cages and removed automatically by a Diamond manure removal system proven over 12 years



Eggs are collected automatically by a special high capacity system designed for the Stacked System Plastic or woven fabric belts are available

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NY-NJ shippers receive $13 for April milk

NEW YORK, N.Y. — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during April will be paid on the basis of a uniform price of $13 per hundredweight.

Market Administrator Thomas A. Wilson stated the uniform farm price per hundredweight was $13.20 in March, 1981 and $11.96 in April 1980. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund removed $.30 per hundredweight from the dairy farmers' uniform price for April, a total of $2,922,184.81. Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 17,622 dairy farmers supplied the New York-New Jersey Milk marketing Area with 974,061,604 pounds of milk during April, 1981. This was an increase of 4.7 percent (about 44 million pounds) from last year.

The gross value to dairy farmers for milk deliveries was $129,063,697.26. Wilson explained this included differentials required to be paid to dairy farmers, but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers utilized 375,317,603 pounds of milk for Class I, 38.5 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For April 1981, handlers paid $14.91 per hundredweight for Class I milk compared with $13.60 a year ago.

The balance, 61.5 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. For this milk, handlers paid $12.55 per hundredweight.

The uniform price is based on milk containing 3.5 percent butterfat. For April, 1981, a differential of 16.9 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

Chinese visit U. of Maryland

Dr. Robert L. Gluckstern (right foreground), chancellor at the University of Maryland in College Park, welcomed two agricultural scholars from the People's Republic of China last week in his office. this week, the chancellor left for a tour of colleges on the Chinese mainland. Shown at last week's welcoming session are (left to right): Chuanbing Fang, a Chinese tobacco breeder; Dr. John R. Moore, professor of agricultural and resource economics at the College Park campus; Dr. M. Kenneth Aycock, Jr., professor of agronomy; Dr. Hongnian Chin, a Chinese veterinarian; Dr.. Warren W. Marquardt, professor of veterinary science, Chancellor Gluckstern, and Dr. Earl H. Brown, dean of the university's College of Agriculture.

U.S. continues to lose valuable farmland

CHAMBERSBURG — Farmland becomes more expensive and scarce each year, reports John R Akers, District Conservationist, with the Chambersburg office of the USDA Soil Conservation Service.

The average acre of United States farm real estate was valued at $790 per acre. State averages per acre ran from a high of $2977 in New Jersey to a low of $160 in Wyoming. Pennsylvania's per acre average was $1440. Both inflation and urban pressures caused farmland values to raise 9.3 percent last year.

In the United States about 3 million acres of rural land is lost each year. Of this, about 1 million acres is prime farmland. There is about 30 million acres of land in Pennsylvania, so in 10 years with farmland losses of 3 million acres per year in the United States, the nation loses an area the size of Pennsylvania for crop production.

"Everyone needs to become involved in the preservation of agricultural land," states Akers.

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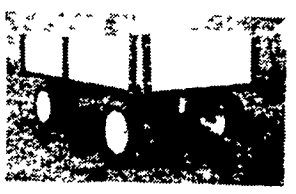

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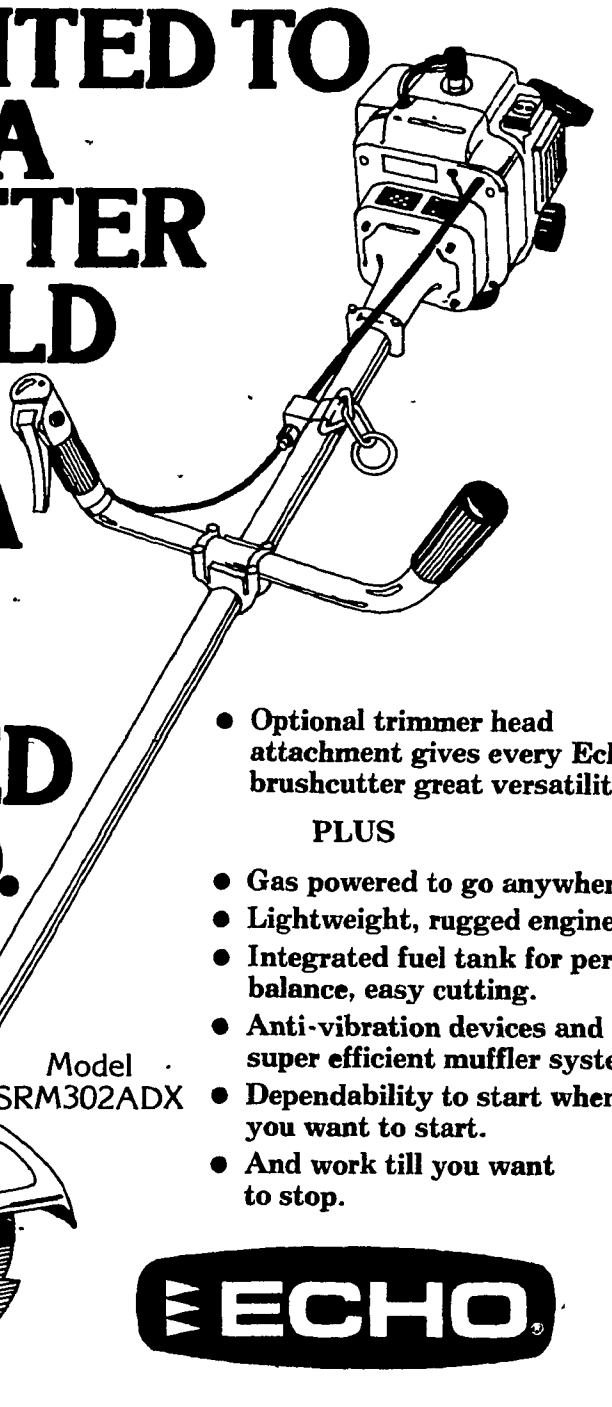

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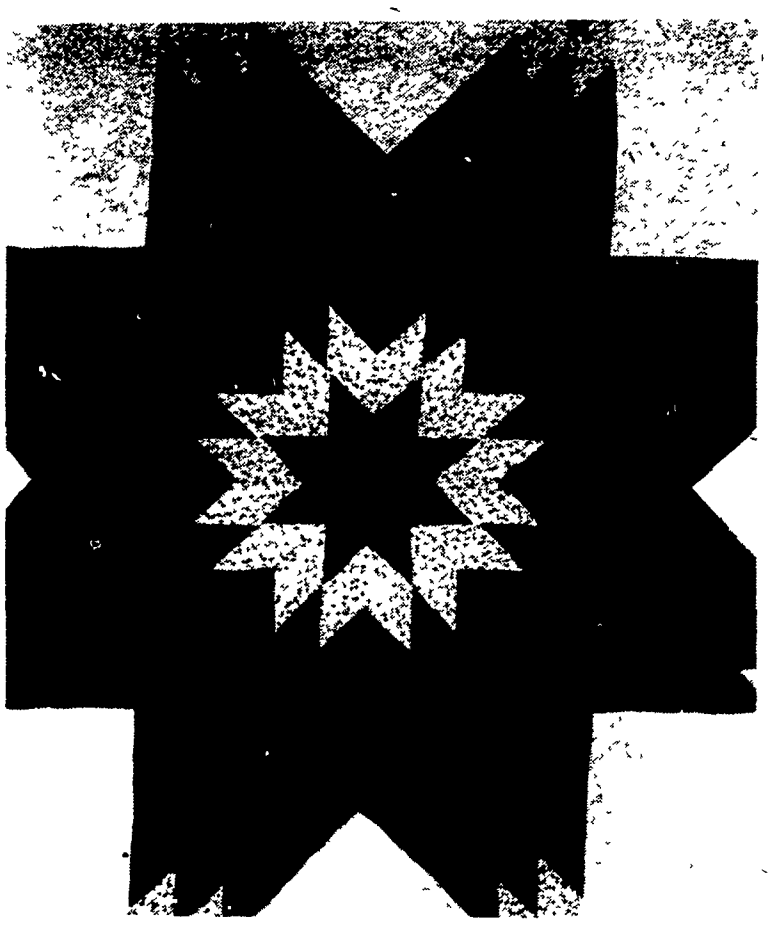

Items such as this quilted wall hanging will be sold at Kraybill's Mennonite School's benefit auction, May 30.

Mennonite School holds auction

Kraybill's Mennonite School will be holding their third annual benefit auction May 30 beginning at 9:30 a.m. Breakfast will be served beginning at 7 a.m.

Highlighting this year's auction will be Heidi Miller, Lancaster County's Poultry Queen and Eggatha, the stage egg mascot.

Bidding for a large variety of items including a cook stove will begin at 9:30 a.m. Twenty-five quilts will be auctioned at noon.

The list of food includes roast pig, barbecued chicken, strawberry pie and a full line of baked goods.

The Annual Benefit Auction is an event supported by the parents, students and families in the Mt. Joy area.

Yearling ram sale, field day coming

STATE COLLEGE — Rising costs of production have made selective buying of quality livestock a must for farmers, according to State Agriculture Secretary Penrose Hallowell.

"Performance testing programs are an excellent means of comparing individual quality and performance of stud rams under similar conditions," Hallowell said. "Pennsylvania sheep producers will have the opportunity to purchase tested prospects at the Fifth Performance Tested Yearling Ram Sale, June 6 at the Department's Mean Animal Evaluation Center, State College."

The sale, held in conjunction with 1981 Pennsylvania Sheep Field Day, begins at 2 p.m. Field Day activities focus on lamb marketing, on-foot and carcass grading, feeding and improving lamb production through breeding. The Field Day site is Penn State's Beef and Sheep Center.

All rams have been ultrasonically scanned to determine fat thickness and loineye area. Soundness, rate of gain and index scores are also available.

Forty-three yearling rams were placed on test February 1981. Their average daily gain at the end of the 84-day test period was 0.95 pounds. Thirty-one of these rams will be offered for sale June 6. Breeds to be sold include Corriedale, Dorset, Shropshire, Southdown and Suffolk.

Sale catalogs are available by contacting, Pennsylvania Department of Agriculture, Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16801.

The Performance Tested Yearling Ram Sale is sponsored by the Pennsylvania Department of Agriculture in cooperation with Penn State and the Pennsylvania Sheep and Wool Growers Association.

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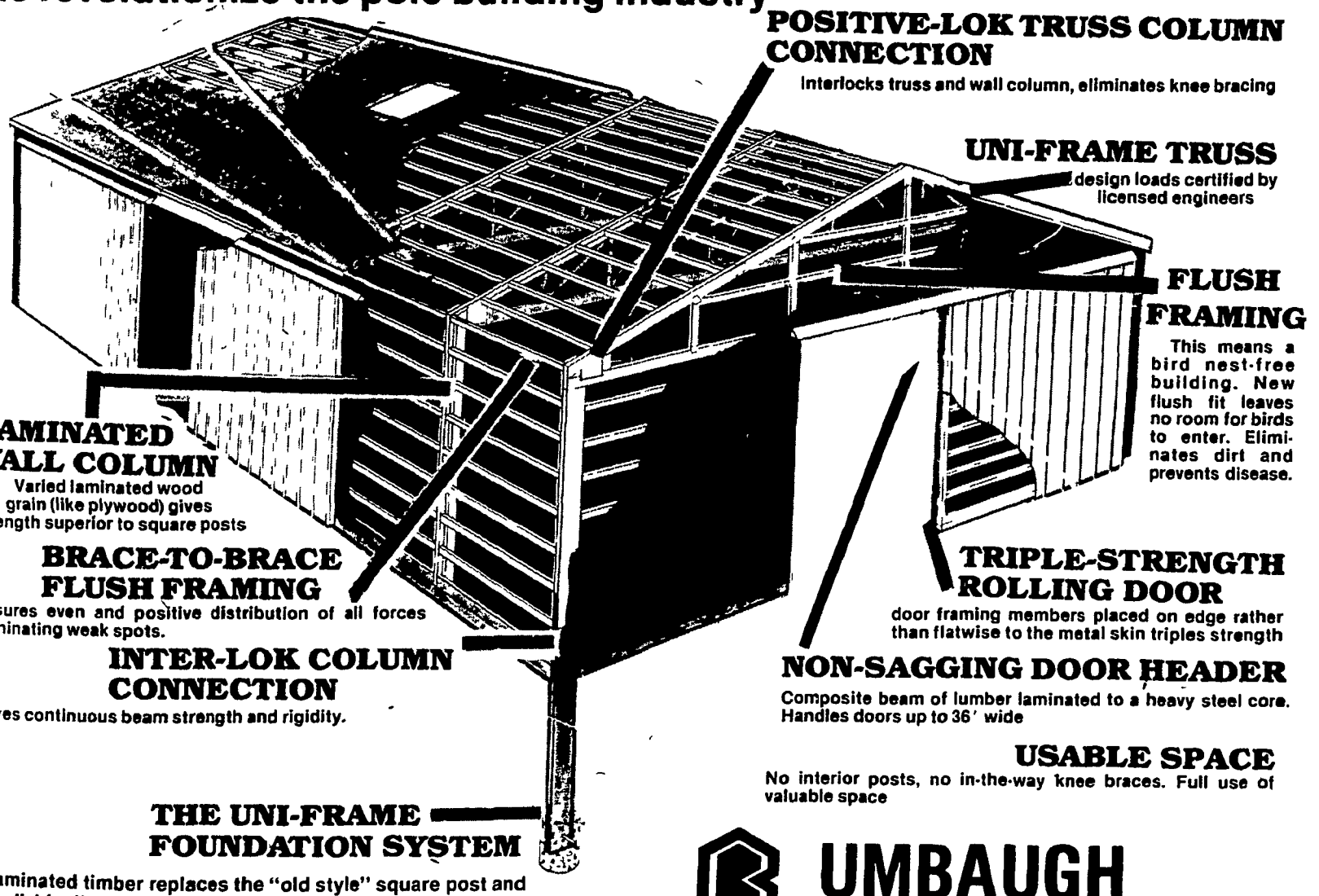

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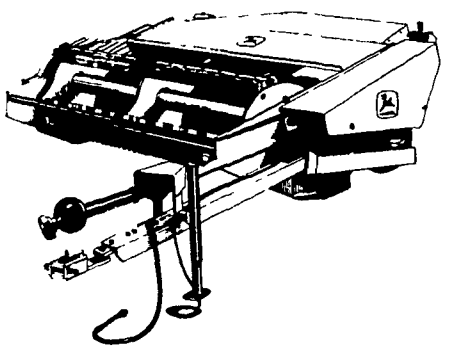

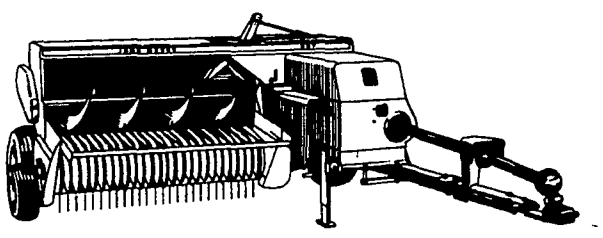

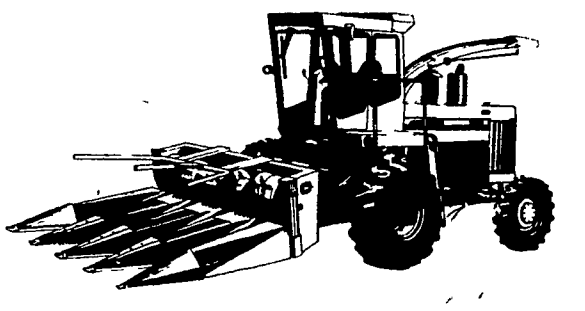

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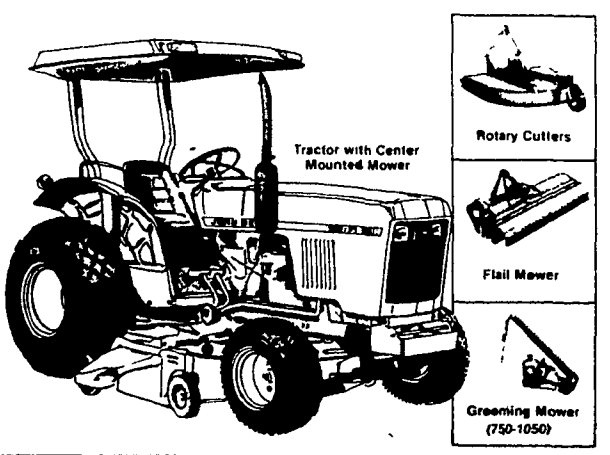

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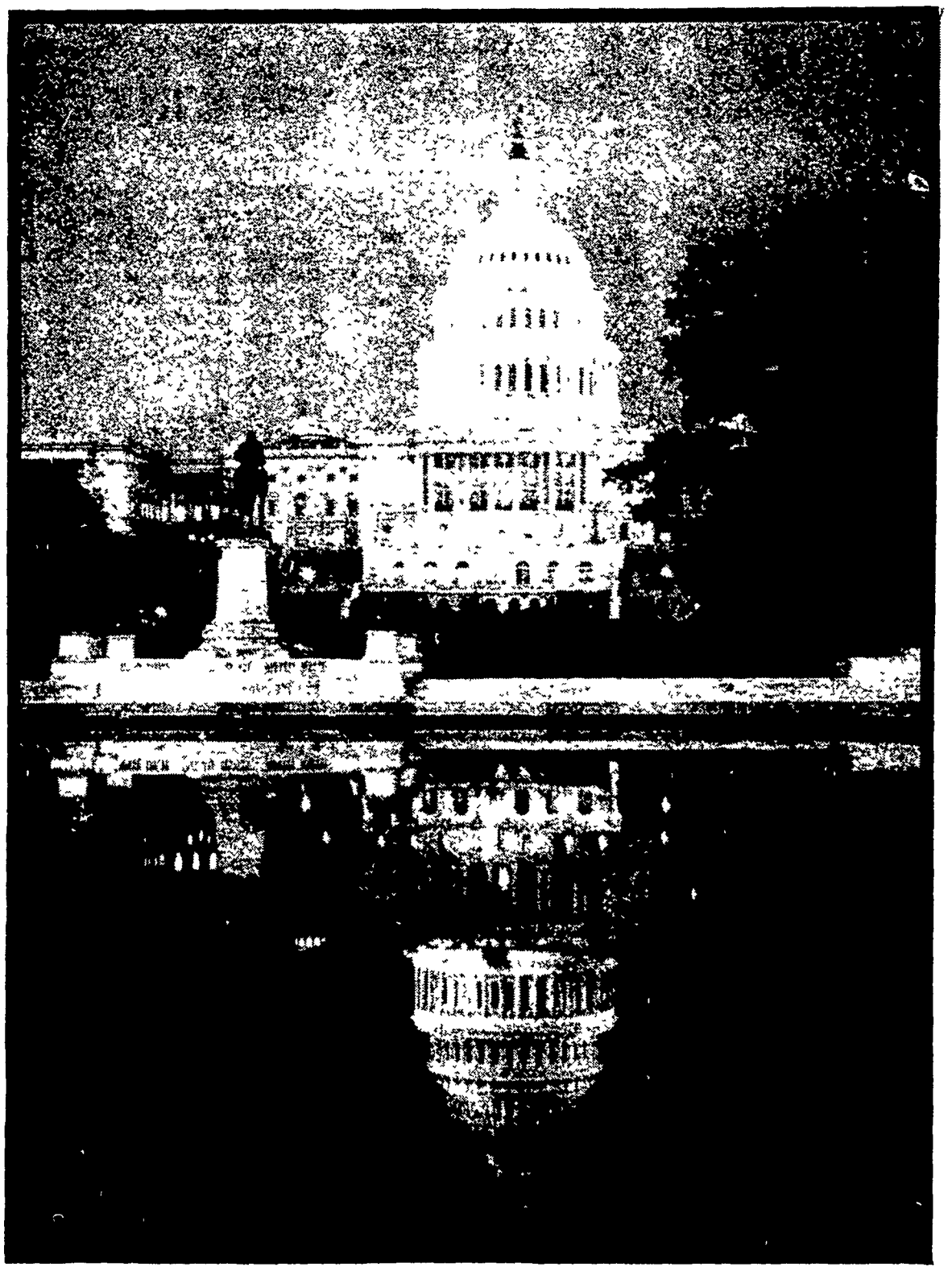

"Creation of the sense of stewardship in all of society requires complementary private and public leadership capable of meeting present and future needs of society. Public policy affecting land and water use requires action of the government on behalf of all members to society. To initiate changes in value systems and public policies the need today for such leadership is urgent."

Osgood Magnuson, Member, Soil Stewardship Advisory Comm. Nat'l Assoc. of Cons Districts

"One generation passeth away and another generation cometh; but the earth abideth forever." Ecclesiastes 1:4) - We cannot leave to unborn generations a heritage of ample food and clothing. We can only commit to their keeping the natural resources with which they, in turn, can supply their own needs. We cannot be wise stewards of the present without considering the future needs of the world population.

NACD

"Be fruitful and multiply and replenish the earth and subdue it." (Genesis 1:28)—One definition of "subdue" is "bring under cultivation." That has been accomplished over a major part of the earth's surface that is suitable for the production of food and shelter. Now we must deal with a shrinking resource base of soil and water while we contemplate the needs of a still-expanding world population. Under our system of private ownership, the proprietor of land faces a dilemma of conscience in deciding where and when to practice stewardship of soil and water and when to seek immediate profit.

"Unto these the land shall be divided for an inheritance." Numbers 26:53;—This does not mean that society must halt the process of urbanization or prevent the gathering of people when they desire to live in cities. Rather, it is a suggestion that we need to exercise judgement about where cities are to grow so that we can keep the fertile land "for an inheritance" to be passed on to generations of the future. If we leave our descendants money and buildings and roads but deprive them of the land they will need to produce food, we give them little of real value.

NACD

Aquaculture, a different type of 'farming'

COLLEGE PARK, Md. — Hope for new harmony between farmers and watermen is on the horizon, notes Tony P. Mazzaccaro, assistant director for marine advisory programs in the University of Maryland's Cooperative Extension Service.

Traditionally, the two groups have grudgingly tolerated each other. At times, they have shown open hostility in the form of legal battles — primarily reading allegations of agricultural pollution to oyster beds in the Chesapeake Bay and its tributaries.

But Mazzaccaro bases his optimism in part on presentrations by speakers at a recent Maryland Aquaculture Conference, held at Busch's Chesapeake Inn near Annapolis.

In line with a broad emphasis on aquaculture, the conference included representation from the American Farm Bureau Federation and the Maryland Farm Bureau.

A University of Delaware Sea Grant representative, Kent Price, explained agricultural aspects of the 1980 National Aquaculture Act (PL96-362), and a University of Maine aquaculture specialist told about oyster farming in the Pine Tree State.

Finally, an administrator for the Virginia Institute of Marine Science described farming techniques which have adapted for a promising program on claim culture.

These included:

—Using an old De Laval cream separator to sort out clam larvae from brackish water;

—Building a solar greenhouse for housing clam-rearing tanks;

—Keeping everything "dairy clean" to avoid bacterial disease problems;

—Utilizing anti-bird plastic webbing made for fruit trees as a barrier to protect clam beds from stingrays, drumfish and other natural enemies. He noted that fouling - a problem with most protective materials - does not occur on the fine plastic mesh.

Mike Castagna, the Virginia speaker, noted that providing adequate nutrition when clams start getting some size to them is the major roadblock to be removed before commercial clam production becomes "a very profitable operation." Castagna is director of the VIMS Marine Laboratory at Wachapreague, Va.

Describing another aquacultural enterprise, George E. Krantz, Sea Grant research worker at Horn Point for the University of Maryland, presented some promising statistics on oyster farming. His facts came primarily from practical experience in the Deal Island hatchery at the mouth of the Wicomico river on Maryland's lower Eastern Shore.

"For about $18,000," Krantz said, "you could set up an oyster hatchery that will seed about 60 acres of oysters on tidal flats. This is about the right size for a family operation.

"It could provide a part-time supplement to some other operation, such as crabbing (or a small livestock-crop farm).

"But site-specific problems can make or break you in this game," Krantz warned. He pointed out, for instance, that oysters grow faster at Deal Island than at Horn Point because of better water quality in that area of the Chesapeake Bay.

The man from Maine, Herbert Hidu, also warned about pitfalls in aquaculture—principally because it is a relatively new field. He reported that, after a 10-year educational campaign, Maine now has 20 to 30 successful growers producing oysters on a commercial scale and perhaps a half-dozen commercial blue mussel producers.

He noted the Maine Aquaculture Association, formed in 1977, now conducts an annual aquaculture conference. And it lobbies in the state legislature.

Also on the organizational side, Bruce Hawley of the American Farm Bureau Federation invited Maryland watermen to consider joining their county Farm Bureau organization to help achieve lobbying power in state and national governments.

The Maryland Aquaculture Conference was sponsored by the Cooperative Extension Service in cooperation with the University of Maryland's Sea Grant program, the Tidewater Administration of the State Department of Natural Resources, and the Chesapeake Bay Seafood Industries Association.

SCSA meeting looks at resource conflicts

ANKENY, Iowa — Interregional conflicts over management of land and water resources in the western United States and Canada will be the focus of the 36th annual meeting of the Soil Conservation Society of America, August 2-5, 1981, in Spokane, Washington.

Theme of the meeting will be "Land, People and Policy: The Western Connection." Activities will center in the Spokane Convention Center and Sheraton-Spokane Hotel.

Norman Wengert, a professor of political science at Colorado State University, will keynote the meeting. Wengert will present a western viewpoint on the conflicts that have developed over water rights, energy development, management of public lands, and related issues.

Emery Castle, president of Resources for the Future, Washington, D.C., and J. Blair Seaborn, deputy minister of Environment Canada, Ottawa, will then discuss these same issues from the national points of view.

The meeting program will also feature a panel discussion on building consensus to make natural resource policy. Among the panel participants will be Idaho Governor John Evans; William Ruckelshaus, senior vice-president of Weyerhauser Company; William Swan, president-elect of the National Cattleman's Association; John Crowell, Jr., assistant secretary of agriculture for natural resources and environment; and Bill Young, chief forester for the British Columbia Ministry of Forests. R. Neil Sampson, executive vice-president of the National Association of Conservation Districts, will serve as moderator of the panel discussion.

A highlight of the program will be the Fourth Annual H. Wayne Pritchard Lecture, delivered by R.G. Downes, retired director of the Australian Ministry of Conservation and a world expert on soil conservation.

The program will also include six sessions planned by SCSA's resource conservation divisions. These sessions will cover a variety of land and water management issues, including soil erosion control, wetlands protection, water quality management, surface mine reclamation, fish farming, and consequences of the Mount St. Helens volcanic eruption.

A preliminary program and registration details are available from SCSA, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021.

SCSA is a nonprofit scientific and educational organization dedicated to advancing the science and art of good land use. It has 14,000 members in the United States, Canada, and about 80 other countries.

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Conservation practices to keep in mind

Reduced tillage aids in water conservation

HARRISBURG — During the past five years, the use of minimum and no-till planting has increased significantly.

Reduced tillage has proven effective in reducing erosion; And last year, in those areas with inadequate rainfall, the effect on moisture conservation became evident.

The effectiveness of reduced tillage in conserving water as well as controlling erosion is directly related to the amount of crop residue left on the land. With corn yields of over 100 bushels per acre, the amount of residue produced can exceed 3 tons per acre. When 60 percent of the residue remains on the surface after minimum tillage and planting, farmers will realize increased infiltration and reduced water losses as a result of mulching effects.

The use of no-till in crop residues is an ideal practice from the standpoint of water conservation. Since the full amount of residue remains, there will be more than adequate cover for a mulching effect.

If crop residues are removed, especially where row crops are being grown continuously, a mulching effect can be produced by planting a winter cover crop or applying manure.

Reduced tillage, such as that used on the Aaron Hoffer farm in Middletown, in conjunction with the use of crop residues can increase soil moisture by 19 percent, according to a Soil Conservation Service spokesman.

Crop residues conserve moisture

HARRISBURG — The use of crop residues can be applied in conjunction with other conservation practices, such as strips and contours, diversions and terraces.

Crop residues serve as a mulch to reduce soil moisture losses. They also help to improve water infiltration during a rain storm.

Crop residues include corn stalks, small grain straw and soybean stalks. The effectiveness of these residues depends on how well the material is distributed or spread and whether the residue is left standing or is incorporated into the soil.

Due to increased costs for straw and bedding materials, many farmers are faced with the decision whether or not to remove crop residue for their own use or for sale. If residues are removed, especially where continuous row crops are grown, similar benefits can be achieved by applying manure or by using a winter cover crop. Mulch may be more essential on soils that are occasionally subject to drought.

Erosion threatens productivity

WASHINGTON, D.C. — Each year, more than 6.4 billion tons of soil erode from the nation's farmland and other nonfederal lands.

"In many areas, the rate of erosion seriously threatens long-term agricultural productivity," said Norman A. Berg, chief of USDA's Soil Conservation Service. "We have unacceptable erosion rates on more than 140 million acres of cropland."

Berg said erosion rates exceed acceptable levels on more than 295 million acres of cropland, pastureland, forest land, and rangeland. Scientists consider erosion tolerable when eroded topsoil can be replenished through natural processes.

Of the more than 6.4 billion tons of soil losses from wind and water erosion each year, more than 5 billion tons erode from agricultural land, Berg said. Some 1.1 billion more tons erode from streambanks, gullies, construction sites, roads and roadsides.

Sediment, the greatest single water pollutant by volume, is an end product of soil erosion, Berg added.

Aquaculture Act calls for plan

COLLEGE PARK, Md. — The U.S. Department of Agriculture is currently cooperating with the U.S. Department of Commerce and the U.S. Department of the Interior in a joint subcommittee responsible for establishment of a National Aquaculture Plan, as specified in Public Law 96-362, signed last September by former President Carter.

Several other federal agencies — 14 in all — are also represented on the joint subcommittee for aquaculture, including the Farm Credit Administration.

The subcommittee has a mandate to have its National Aquaculture Plan ready within 18 months from last September. Opportunity is provided for public comment during the plan development. A preliminary report is due on September 1, 1981.

Under the new program, it is expected that the U.S. Department of Agriculture will have sole or partial responsibilities for catfish, crawfish, baitfish and trout production in aquaculture activities.

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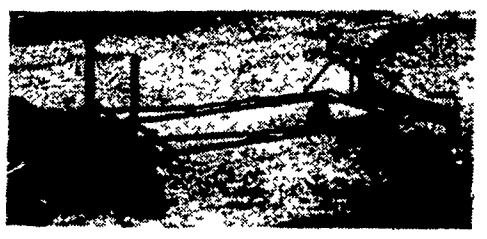

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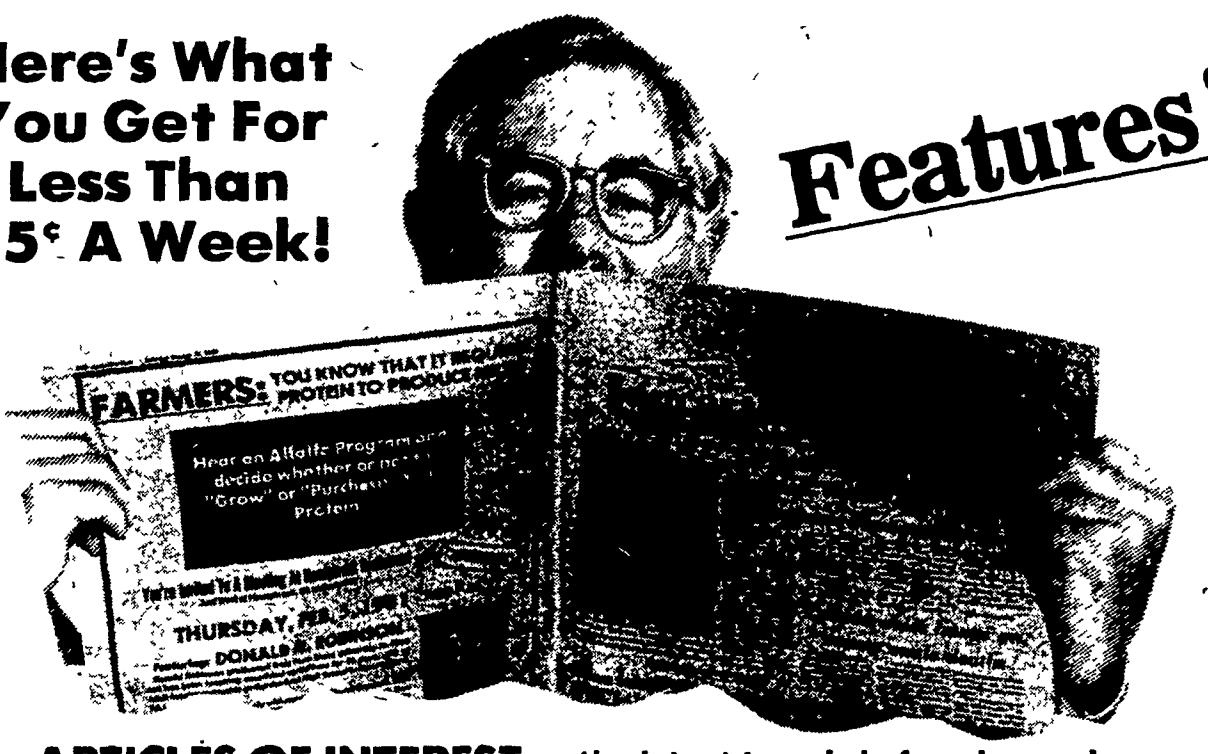

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Energy alternatives and conservation highlight Lancaster tour

LANCASTER — A conservation tour of the New Holland area will be held Tuesday, June 16. A wide variety of conservation-related areas will be visited, including soil and water conservation practices, nursery and wood alcohol production, alternative energy sources, stream improvement, sanitary landfill, and a wood product industry.

The first stop on the tour will be the Miles Fry and Son Nursery. Here hybrid poplar trees are grown for reforestation and for alcohol production. A pickup truck, which runs on wood combination, will be demonstrated.

The next stop will be E-Z Manufacturing. Tour participants will see the Pendu saw system which is used to fabricate timbers for log homes and in pallet making. They also will see a wood gasification system which burns gases from sawdust combustion to power an engine and generator — the main power source for the plant.

Next, pipe-outlet cropland terraces at Melvin Nolt's farm will be viewed.

Prior to lunch, solar collectors, which provide heat during winter months, will be seen at Luchty's garage, near Union Grove.

Following lunch, the 1979 Outstanding Conservation Cooperator of the Year, Stauffer Homestead will be visited. A registered Charolais cattle, hog and sheep farm, Stauffer Homestead has implemented a complete soil and water conservation plan which includes cropland terraces, waterways, and good pasture management.

John David Martin's dairy farm will be the next stop, which features contour strips, and a water and sediment detention basin which outlets into a pipe and sod waterway.

Streambank improvement on the Conestoga will be shown at the next stop, where Martin Shirk had secured a DER Encroachment Permit for shaping and stabilizing his eroding streambank.

Lanchester Landfill will be the next stop, where the operation of a modern landfill will be explained.

The final stop will be Shady Grove Housing Development, where on-lot storm water management and erosion controls have been implemented.

The tour, organized by the Lancaster County Conservation District and New Holland Vo-Ag Department, will leave the Farm and Home Center at 8:30 a.m. From there, buses will proceed to Hinkletown where those from the northern part of the county can meet the bus at the back of the Citgo Station in Hinkletown at approximately 8:45 a.m. The buses are scheduled to return to the Farm and Home Center by 4 p.m.

Cost of the tour, including lunch, is $6.50. Reservations can be made by calling the Lancaster County Conservation District Office, 717/299-5361, or by sending your reservation and check to the Lancaster County Conservation District, Room 6, Farm and Home Center, 1383 Arcadia Road, Lancaster, PA 17601. Please indicate whether you wish to be picked up at the Farm and Home Center OR Hinkletown. Deadline for registration is June 5, 1981.

Psalm 27/5:

5 For he will hide me in his abode in the day of trouble;
He will conceal me in the shelter of his tent, he will set me high upon a rock.

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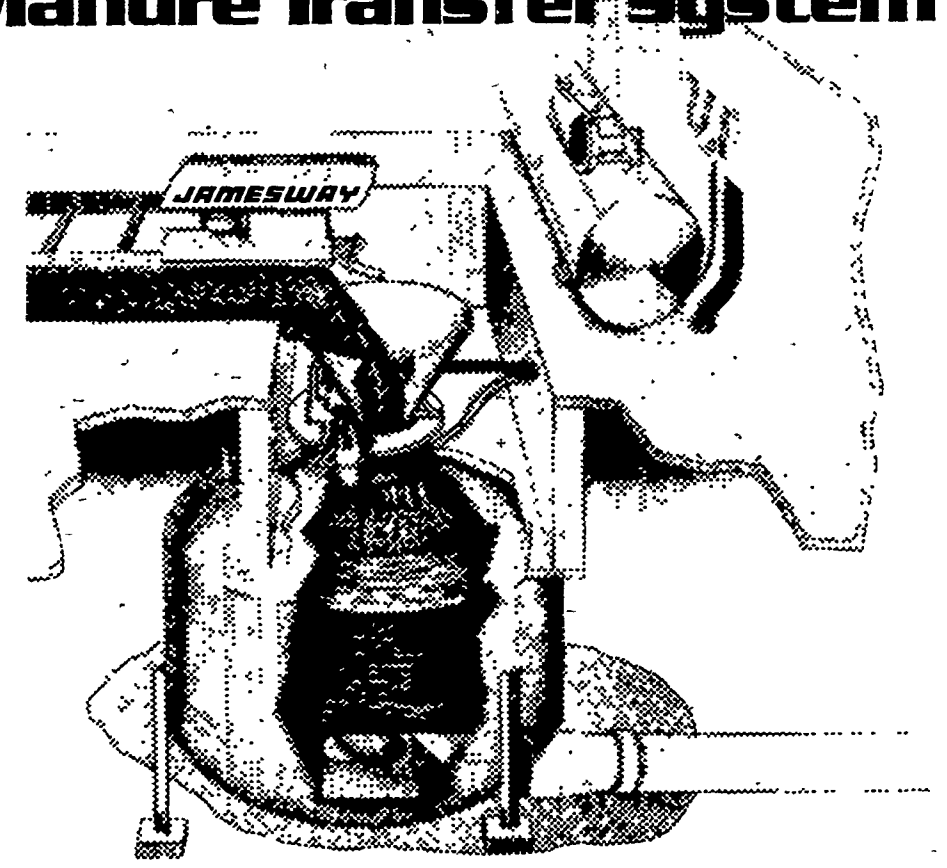

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Farm Talk

Jerry Webb

Don't be too surprised if you hear a lot about soil conservation over the next few years. The warning has been sounded and now the struggle begins to do something about the millions of tons of soil that are lost each year in this country.

It's a bit frightening when you think about the magnitude of the loss and the thin layer of topsoil that covers this country. Really, only a few inches of productive land is all we have between abundance and starvation. And we're losing it at an annual rate of 5.5 billion tons of soil.

Thay may not mean much, but a Department of Agriculture expert has figured it out as enough soil to cover the state of Iowa with a layer an inch thick. And that's an annual loss. How many years can such abuse continue?

It apparently took millions of years without tillage to develop our rich productive agricultural soil. And in no more than a couple of centuries we have seriously threatened the very basis of agriculture.

Maybe it will take another Dust Bowl to turn this country around and head it toward the conservation mindedness necessary to turn the tide. As the stories go, back in the thirties a combination of improper farming practices and dry weather created the great dust storm that actually darkened the skies over the nation's capital.

Then things started to happen. It didn't take many days to produce a whole raft of legislation aimed at doing something about soil conservation.

And so for 30 or 40 years, there was a great national consciousness among farmers that soil should be preserved.

Then came the opportunity for agricultural exports and the plug was pulled out and farmers started plowing land that should never have been tilled. Since then we've had some dry years that has left millions of acres barren and susceptible to wind and water erosion.

Conservationists point out the stake in protecting farm topsoil has risen sharply. With so many more people to feed, failure to better protect our topsoil eventually could mean hunger for millions.

"Soils being taken by erosion generally are the richest in nutrients and organic matter and have the most favorable conditions for plant growth," according to Norman Berg, chief of USDA's Soil Conservation Service.

He says this constitutes a significant drain on the productive potential of land where our food is produced. Berg compares soil losses to bags of money floating down the nation's rivers. Figured at 1979 prices, he estimates the putting all of the lost nitrogen and phosphorus and one-fourth of the lost potassium back into the damaged land would add up to 18 billion dollars in just one year.

At today's erosion rate, Berg says food supplies will be seriously threatened in about 100 years. In Iowa, as one example, half of the original topsoil of 6 to 8 inches already has been lost from sloping, unprotected land during the century that state has been farmed. Estimates are equally grim for many other states.

So what can farmers do to turn this soil conservation problem around? They already have the know-how and the technical support required. It's really just a matter of priorities.

Is soil conservation more important than extra profits? Is it worth giving up some current income in exchange for future potential? Does it really matter that some other generation may run out of soil as long as this one is well kept?

It seems to me a heavy burden to place on farmers to ask them to save the nation's soil for future mankind all by themselves. If farmers have an obligation to be stewards of the soil, then surely the public, through tax dollars and governmental agencies, have an obligation to help pay the bill. And that has nothing to do with government handouts or special treatment or anything else that smacks of favoritism.

Our land tenure system allows farmers to own their land, but it really makes no provision for its continued preservation.

In the early days of this country, farmers would till the soil until it was "worn out" and then just move on. And that was what helped settled this great country.

But then we figured out how to save those worn-out farms and get them back into production. Now it

(Turn to Page D7)

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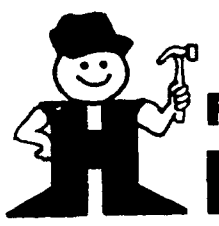

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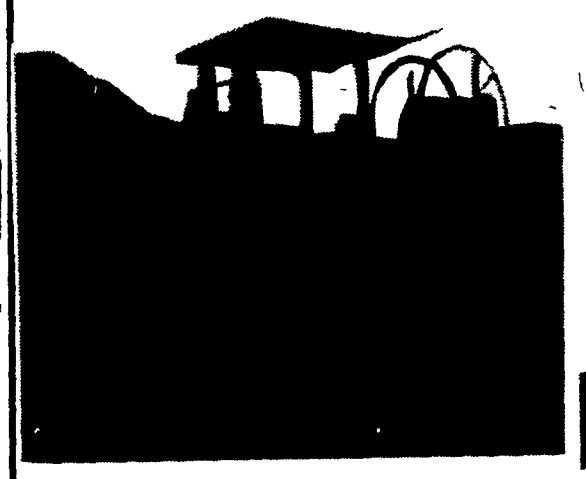

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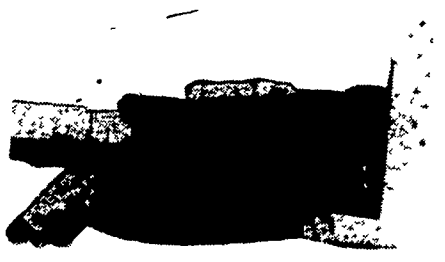

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PENNSYLVANIA LICA

Farm Talk

(Continued from Page D6)

appears we are losing our grip once again.

So in addition to some national awareness, it seems to me there is a need to help farmers financially in this great battle to save the soil. Because if this generation of farmers, or perhaps the next generation, doesn't care enough to make the necessary effort, then there may not be any soil for the generations that follow.

In many ways, farming is a business just like any other business. But in another special way, it is unique.

A factory can be built, remodeled, torn down and re-assembled, burned down or blown up. But the land it occupies is always there. It's just a piece of space where that enterprise exits.

But farming requires the use of that land in a special way, How that soil is handled determines its very future and it is, after all, essentially a non-renewable resource.

It can't be remodeled or rebuilt, or even relocated. It can be preserved and slowly improved, and it can be lost. It never really disappears, it just moves away — muddying our streams, choking our rivers and dirtying our air.

Soil erosion is truly a national concern that goes way beyond the farm gate, beyond partisan politics, and beyond economic considerations. Saving this nation's soil is in the public interest and it is of the highest priority, and some future generation may point out that we waited too long to do something really substantial about it.

Soil erosion reduces spray benefits

LEESPORT — Some farmers are finding their insect and weed spray programs are not providing satisfactory results because of excessive soil erosion, reports Duane Pysher, District Conservationist of the Soil Conservation Service.

"When chemicals are applied to cropland, they become attached to soil particles, plants, or plant residues. If these soil particles or plant residues are carried off by water runoff, the chemicals are also carried away. These chemicals end up as pollution in streams and lakes," explains Pysher.

The amount of soil loss and chemical spray materials depends upon a number of factors such as the intensity of rainfall, length of time between application of the spray material and rainfall, and whether the chemicals are sprayed on bare soil, plants, or mixed with the soil. Other variables are the contour of the land including steepness and length of slope, soil erodibility and conservation tillage measures used.

"Since we have no control over when and how our rainfall comes, it is important that conservation measures be used to minimize the effects of rainfall," adds Pysher.

Some conservation practices that can be used include contour stripcropping, diversions, waterways, terraces and mulch tillage practices.

"Keeping soil and spray materials in place is cheaper than applying additional spray material," says Pysher.

Isaiah 5/8-9:

8 Woe to you who join house
to house, who connect
field with field,
Till no room remains, and
you are left to dwell alone
in the midst of the land!
9 In my hearing the LORD of
hosts has sworn:
Many houses shall be in
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with no one to live in
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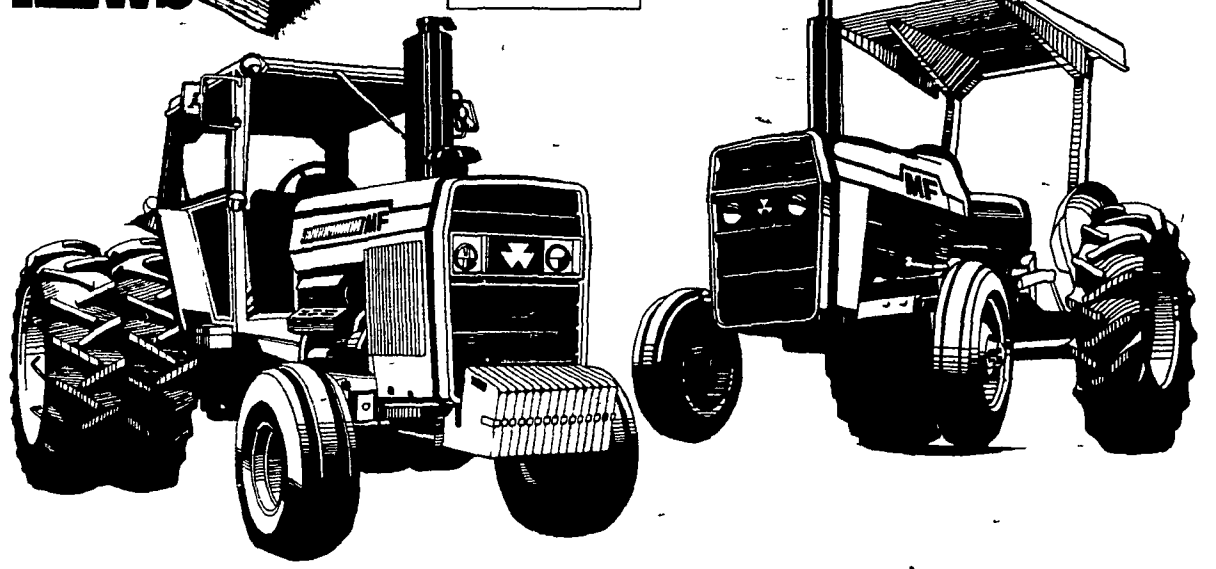

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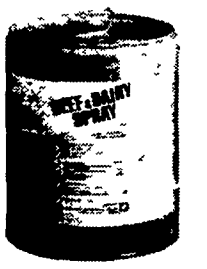

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Penn State dairyman discusses iodine levels in dairy feeds rations

UNIVERSITY PARK — Levels of iodine in milk have become a concern of people in medicine and the dairy industry. Some data indicate that the iodine content of milk has increased by 17 percent or so in recent years.

While these levels have not been shown to be harmful to consumers, it is felt that voluntary steps should be taken to avoid further increases and alleviate the relatively high levels found in milk from some farms, reports R.S. Adams, Penn State Science professor.

Already some dairies are testing milk from their shippers for iodine content to determine which farms may be problem ones, and to encourage lowering levels. Tentatively a maximum iodine content of 5 ppm or 500 micrograms per liter is being recommended for milk.

Most cases of high iodine content in milk have been traced to excessive iodine supplementation in rations for dairy cows. Some of the problem may stem from the widespread use of organic iodine (EDDI) in dairy feeds, concentrates, mineral mixtures and sometimes trace mineral salt.

In other cases the high iodine levels result from use of several items in the ration which contain supplemental iodine in either inorganic or organic form. When several such items are used at generally recommended levels, considerable doubling up of iodine intake may occur.

Proper use of iodine-based teat dips does not appreciably add to the iodine content of milk. On some farms, however, careless use of iodine in sanitizing equipment, udder washing and backflushing may considerably increase iodine levels in milk.

Levels of iodine intake must be limited to not over 40 mg per head daily to maintain an iodine content in milk of under .5 ppm, says Adams. This is approximately 4.5 times the amount of total iodine intake which is necessary to meet nutritional needs for this element.

Some farms with high iodine milk may have average intakes of iodine which may exceed 100-200 mg daily.

the effects of reasonably high iodine intakes on cattle is somewhat controversial. Some studies suggest no adverse effects may result fron intakes which are 10 times nutritional needs. At somewhat higher intakes, an increase in the usual problems which afflict cattle may be expected according to some field studies.

Iodine toxicity may occur when rations consistently contain 50 ppm in the dry matter, or 100 times the nutritional needs for dairy cows. Young stock and calves generally are more susceptible to iodine toxicity than adults.

Symptoms of iodine toxicity include excessive tears, increased salivation, watery nasal discharge, tracheal congestion and coughing. Conjunctivitis and blood-shot eyes also may be noted. Hair loss may occur around the eye, over the neck and at the base of the ears. Protruding eyeballs also may be found. Milk production, feed intake and growth may be depressed. Animals may be more susceptible to infection. Symptons usually subside quickly after reductions are made in iodine intake.

The National Research Council recommends an iodine content of .5 ppm in the total ration dry matter for cows under normal conditions.

If a strongly goitrogenic crop furnishes over 20 percent of the total dry matter, the iodine level in the ration should be 1.0 ppm. Members of the Brassica family such as kale, rape and turnips are quite goitrogenic. Interest in these crops has returned in recent years as a means of increasing carrying capacity in pastures.

An iodine deficiency of long-standing may result in calves being born with goiter, even when no outward signs may be present in their dams. Milk production may be depressed when iodine is deficient for a prolonged period. Symptoms of hypothyroidism also may appear.

Most forages and feed ingredients may contain .2-.3 ppm of natural iodine on a dry matter basis. Somewhat less may be found in areas with extremely low levels in soil and water. Items grown in areas with appreciable levels in soil and water may contain 1.0-2.5 ppm iodine.

In the past, it has been a practice to use somewhat higher levels of iodine than recommended by NRC. This was done largely to provide more safety factor and, especially, to counteract the slightly goitrogenic properties of soybean meal.

Experience now indicates that current NRC allowances provide adequate iodine, even on rations high in soybean. In view of the doubling up of iodine sources which may occur and the apparent need to avoid excessive levels of iodine in milk, it is recommended that iodine supplementation be limited to levels which provide a total intake of natural and supplemental that is closer to NRC allowances.

Accordingly, it is recommended that the ration contain .8 ppm total iodine on a dry matter basis (natural plus any supplemental). Assuming that the naturally-occurring iodine content is .3 ppm, it is recommended that supplemental iodine be provided at a level of .5 ppm of the total ration dry mater (forage plus concentrate). A level of .1-2. ppm iodine in milk may result at this intake.

Adams reports one of the major factors which is thought to have contributed to high iodine intakes on some farms is the widespread use of ethylene diamine dihydriodide (EDDI) in manufactured feeds, concentrates, some trace mineral salts and mineral or mineral-vitamin products. This organic iodine source has been used in medicated products to aid in the prevention of foot rot and lumpy jaw.

Preventitive levels call for 50 mg per head daily. This would furnish about 40 mg of iodine from this source alone, compared to a need of around 9 mg. EDDI also has been used for treatment of these problems at levels of 400-500 mg per head daily for a period of 2-3 weeks.

In other cases the material has been used to allegedly help reproduction in cattle and horses.

While many products containing EDDI carry a medicated label, it has been included at comparable or sometimes lower levels for routine iodine supplementation. Thus non-medicated products may be a source, as well as medicated ones.

It is now recommended that use of EDDI at preventitive and treatment levels be confined to non-milking animals, Adams notes.

"EDDI is a readily utilized source of iodine, he adds. "It appears that it may result in slightly higher iodine levels in milk than inorganic iodine from potassium iodate, another community used source in supplements.

"Because of its mention in connection with higher than necessary iodine intake at medicated levels, there might be some competitive advantage to using another source of manufactured feeds and supplements. Iodine levels do not need to be stated on guarantees for some feeds and concentrates, but the source of supplemental iodine generally is given in the ingredient listing."

Alternatives

There are alternative methods to the control and prevention of foot problems in dairy cows. Treatment aids such as foot baths and boxes containing wet or dry mixtures which include copper sulfate are effective. Hoof trimming and monitoring of the condition of the feet are important in control and prevention of problem, Adams points out.

Low level feeding of tetracyclines may be used in some cases. An intake of .1 mg per lb. of bodyweight daily for milking

(Turn to Page D9)

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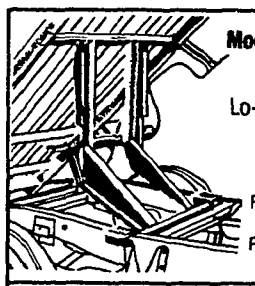
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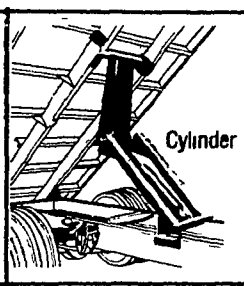
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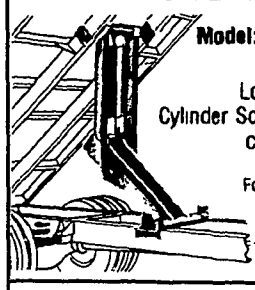
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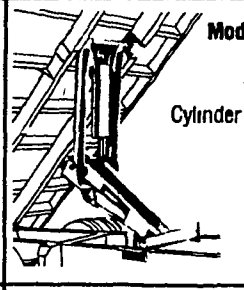
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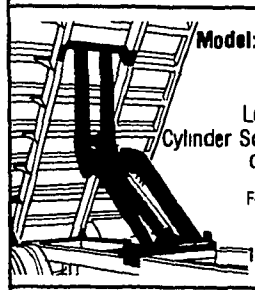
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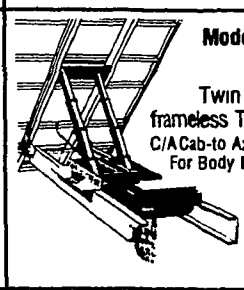
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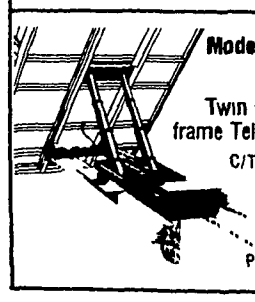
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Iodine levels

(Continued from Page D8)

animals. This practice, however, has given inconsistent results regarding foot infections, Adams explains.

When high levels of iodine are found in herd milk, Adams recommends farmers check out all possible feed sources. This check should include any free-choice minerals, as well as force-fed ones. Free-choice feeding of trace mineralized products should not be necessary, if proper forced-feeding is used. The latter allows for greater control of mineral balance and intake.

In addition, farmers should check out sanitizing, back-flushing and milking practices to see if careless use of iodine may be-contributing to or causing the problem. Reducing iodine intakes to reasonable levels should result in a considerably lower iodine content in milk in about 3 to 5 days depending on how high original levels may be.

In some cases, iodine electrodes are being used to monitor iodine levels in milk. Artifically high readings may result in pasteurization temperatures exceed the regulatory minimum of 161 degrees Fahrenheit. Adams warns, recommending farm samples be run before pasteurization.

It is difficult to obtain accurate iodine analysis in feed, Adams adds. Most older methods result in lower values than may actually be present.

"Cooperation among all segments of the dairy and allied industries can do much to keep milk the wholesome food that it has been over the years. Both a deficiency or excess of iodine in the ration should be avoided," Adams concludes.

Management is emphasis of Soybean Expo

ST. LOUIS, Mo. — Management systems for increasing soybean profits is the theme of the 1981 Soybean Expo to be held in St. Louis, July 31-August 4.

The three and a half day management conference and trade show features twenty-five management seminars, two general sessions, the largest soybean trade show ever assembled, and several family-oriented activities.

Soybean Expo is open to all soybean growers. Registration opens Friday, July 31, at Stoffer's Riverfront Towers. The first series of five 75-minute sessions opens at 3:30 p.m. Friday. Expo participants may participate in up to 10 of the sessions offered over a three day period.

Management seminars will feature a variety of discussion topics including fertility management, solid seeding systems, doublecropping, tillage systems, rotary versus conventional combines and marketing strategies. Each session will be conducted by an experienced team that includes farmers, researchers and industry experts.

The soybean trade show, which opens Friday evening, has over 400 exhibits from the nation's leading suppliers of farm machinery, ag chemicals, farm supplies and marketing services. Several suppliers are sponsoring special activities during the three day Expo program including receptions, meal functions and a night at the St. Louis Cardinals, Houston Astros baseball game.

General sessions on Saturday and Monday will feature addresses by American Soybean Association President Frank Ray of Baker, Florida, and Secretary of Agriculture John Block.

Soybean Expo includes programs for the entire family. The home program features workshops on bookkeeping, making use of pocket calculators, estate planning and personal budgeting. Demonstrations of microwave cooking and the use of a food processor are also planned. A youth program with activities for children and youth ages 7 to 16 features a riverboat ride, tours of the world famous St. Louis Zoo and other special activities.

Soybean Expo concludes Monday, August 3, with the President's Banquet and an evening of entertainment and dancing.

For more information, write American Soybean Association, Box 27300, St. Louis, MO 63141 or call 314/432-1600.

Mini ag progress day scheduled

SELINSGROVE — The Selinsgrove Young Farmers in Snyder County will be sponsoring a mini ag progress day on May 27, at the Kenneth Boyer/Charles Benner farm.

Highlighting the event will be $3/4 million worth of equipment according to Charles Benner, one of the coordinators.

The day will begin at 10 a.m. and will include machinery operating all through the day. Dealers from all machinery operations will be on hand to answer questions. The Extension service will also be sponsoring mini talks.

The list of machinery includes forage Harvestores, wagons, blowers, no-till planters, no-till drills, sprayers and many more.

Selinsgrove FFA will be supplying refreshments.

The Boyer/Benner farm is located one mile east of the Rt. 104 and 35 crossroads along the highway. For more information or directions, call Charles Benner at 539-8389. Raindate is scheduled for May 29.

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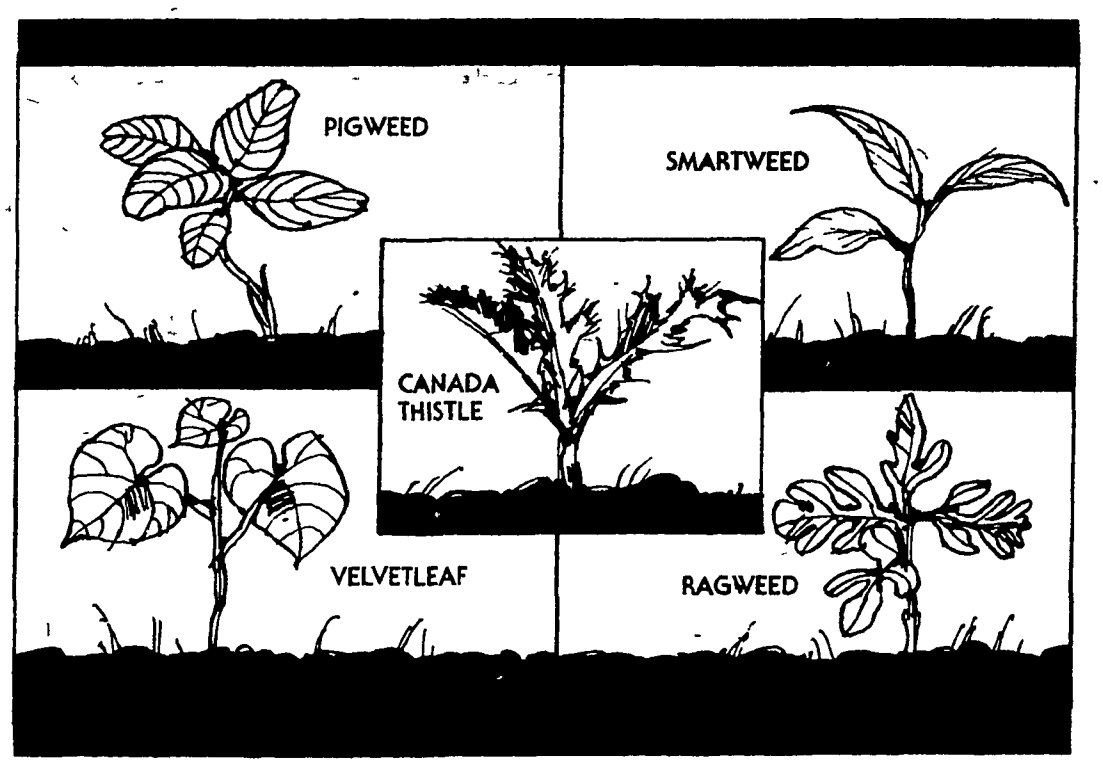

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Berks dairyman is conservationist, spokesman, innovative farmer

BY SHEILA MILLER

ROBESONIA — Nestled in the fertile farmland of Heidelberg Township, Berks County is a highly productive dairy farm belonging to Donald and Ann Duncan.

Conservationist, dairy spokesman, and modern farmer are terms that aptly describe Duncan, as well as his attractive, energetic wife.

Working side-by-side in their modern milking parlor, the Duncans share their philosophies on the dairy industry, politics, and their operation.

Since his father purchased the fertile farm back in 1944 and since Don took over the 150-acre farm in 1959, many of the latest ideas in dairying have been incorporated. At times, Duncan admits, he's served as a "guinea pig", investing in new equipment and concepts before other farmers in the area.

One example of his willingness to jump in and try something new came in the mid-1970's when he installed the first timber-sided manure stacking area to handle the waste from his new free stall barn.

Duncan recalls "all the red-tape" he had to go through with government officials to have the design approved. Now, he said, the timber-sided stacking areas are probably one of the most popular, feasible manure-handling systems that can be installed.

"The time and labor they save the farmer more than pays for stacking areas," Duncan claims.

He explains the "pit" collects the scrapings from 100 or so head of registered Holstein in milking string. The facility allows excess liquid to drain to a lagoon located in a pasture downstream from the buildings. This lagoon also catches waste water from the barn roof and milking parlor.

"I've never had to empty the lagoon," Duncan says. "It takes care of itself. And, if someone were to measure it, I would say I'd have zero runoff of dirty water from the barn area." Keeping the water clean is important to this conservationist.

Since his installation of the stacking area, Duncan says he has eliminated the need to haul manure when conditions are unsuitable, like in the winter when the ground is frozen. Ever-conscious of his conservation ideals, Duncan says he empties his manure "pit" at plowing time — spring, fall, and after wheat harvest.

To empty the pit, Duncan explains he uses a skid loader, also used daily to scrape the barn floor, and a chain conveyor. The conveyor, Duncan says, can fill a big manure spreader in about 50 seconds — saving time. And, with the stacking area, there is no need to run pumps to agitate the manure before emptying. The system lends itself efficiently to hauling from 65 to 70 loads of manure to the field in a day, depending on distance, he adds.

As far as the manure storage facility saving fertilizer nutrients, Duncan says he thinks that angle is a gimmick for a sales pitch since manure doesn't contain much in fertilizer value.

"You're talking pennies there," he says, then pausing adds, "you have to make dollars."

Duncan emphasizes the concerns of many farmers, that stacking areas or lagoons will create more problems with flies and odor, haven't been a problem with his system.

"The only day there is an odor from the lagoon is when the ice comes off in the spring. Then there is a sewer-type smell for about two days. And we haven't had any more flies than are normal around a barn, although we have had more mosquitos — but not anything we can't tolerate," he smiles.

Duncan has been a cooperator with the Berks County Conservation District since he began farming in the early 1950s. Now he

(Turn to Page D11)

After a morning of milking, feeding, nursing, and breeding their herd of Holstein cows and calves, the Duncans enjoy sitting down to a hearty breakfast. At times like these, they discuss industry ideas and politics — both Ann and Don are active in local and state organizations.

Duncan skids the manure from the loafing area next to the free stall barn into the timber-sided manure stacking area. Since it was one of the first of its kind to be constructed in the state, Duncan said he had to deal with a lot of red tape. Downstream from the "pit" is a lagoon which collects rain water from the barn roof, milking parlor, and runoff.

Donald and Ann Duncan, Robesonia, operate a conservation-minded dairy operation. Soil conservation practices were found on the cropland fields, a manure handling system keeps the water leaving the farm clean, and modern innovations, like this straight-through milking parlor, save time and energy.

The Duncans raise all their calves in vealer crates in the barn. According to Ann, who takes charge of the care and feeding of these future feeder steers and replacement heifers, it would take too many hutches to hold them all. She explained the fans give the calves the right ventilation — before they were installed, the mortality rate for the calves in the barn was higher.

Berks dairyman

(Continued from Page D10)

is serving as director for the District, in his second four-year term.

Conservation practices can be seen, not only on Duncan's home farm, but also on the six farms he rents. Over the years, the fields have been stripped and contoured; and on areas where slopes are steep, diversions have been installed to prevent erosion.

Minimum tillage is Duncan's usual method of preparing the 550-acres of land he farms, with the help of two full-time farm hands and several part-timers, including son Donald, a student at Conrad Weiser High School. However, he confesses he keeps a moldboard around for some plowing.

"We disk with the field cultivator attached, and then we plant. It looks rough, but there's little washing even during a heavy rain," he says firmly.

Duncan says he's tried no-till but "wasn't terribly pleased."

"I had a hard time killing the alfalfa with Paraquat," he recalls, grinning. "Then I heard the company was recommending the herbicide to control weeds in alfalfa. Needless to say, I had a beautiful stand of alfalfa."

The conservation farmer admits he had more success when he attempted no-tilling into wheat stubble or rye.

Whether no-till will be a part of the Duncan operation on a bigger scale in the future will depend on the cost of equipment and sprays.

"No-till definitely saves on labor," he states, "but I question the costs — you have to use a lot more sprays. And with no-till you have more trouble with fungus, insects, and runoff. With that sod cover, the rain can't soak in."

Duncan was not spared the effects of last summer's drought, and his short corn supply prompted him to try to play the odds with the weather. On April 16, Duncan planted his first corn of the year, a short-season variety that he hopes will be ready by August when his last year's corn supply will run out.

"By planting for an August harvest, I'm hoping the corn will get the advantage of the rains before the weather is dry and hot — and I'm spreading my corn harvest over a number of months," he explains.

Along with the 250 acres of corn that he harvests for silage and high moisture grain, Duncan raises 100 acres of alfalfa, oats, and wheat. Most of his crops are used to feed his cattle, however he markets some corn whenever the harvest permits.

Duncan feeds a total mix ration to his milking string — divided into two production-level groups and fed accordingly.

In a network of silos, conveyor belts, and mixing bin, Duncan makes his own precise mix that's high in energy and protein. Silage, haylage, corn, and soybeans are weighed and measured, with premix and buffers added. The feeding operation is almost totally automated — another labor saving feature.

The cows that make up his high-production group are given special treatment in the Duncan free-stall barn. Each one of the cows wears a magnet that triggers an automatic feeder which allows the cow to eat as much as she wants. However, Duncan notes, they don't seem to be eating a significant amount more than before the automatic feeder was installed. Again, he credits the new feeder with saving labor.

Duncan is a strong advocate of home-mixing, stating, "It's the biggest change needed for dairy farmers to stay in business. They've got to use their home-grown grains in the feeding program, and most certainly their forages."

The straight-through parlor Duncan added in 1977 (one of the first of its kind) has cut the time he and others have to spend milking. Ten cows, five on each side, enter the parlor, are washed and dried with individual terry cloth towels, and are hooked up to the low-line.

(Turn to Page D-12)

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Penn State prof advises gypsy moth control

UNIVERSITY PARK — Nestled contentedly amidst succulent new green foliage, billions of fuzzy black caterpillars now are feasting on and starting to defoliate trees in most of the state.

These gypsy moth larvae will begin their permanent descent in June — an event that will alarm Pennsylvanians confronted by denuded or partially bare trees, and caterpillars everywhere underfoot.

Seeking to protect trees and to destroy the invaders, many people then will spray with insecticide or hire someone to do so. Some will drape burlap around tree trunks to capture and later kill the insects.

"By that time such strategies are in vain and you're wasting time and money," advises Stanley G. Gesell, a Penn State professor of Entomology Extension.

"When the caterpillars come down to lay gypsy moth eggs, the tree damage has been done. If you're aiming to destroy the insects by spraying when they're on the ground, you'll cause a worse nuisance — an enormous stench of decaying caterpillars.

"At that juncture you'd best leave them alone," he advises. "They'll disappear by July 1."

The only way to prevent significant tree damage, and sometimes tree death, he continues, is to spray — and only in mid-to-late May, after the eggs laid the previous summer have hatched and before the larvae have eaten too much.

"Unless individuals and communities to extensive spraying soon," he emphasizes, "we can expect tremendous defoliation, an unpredictable amount of tree mortality and large numbers of unhappy people."

Short of spraying now, he adds, the only positive strategy is to drape large pieces of burlap around tree trunks, for ten days to two weeks beginning the last week in May.

"During that period," explains Gesell, "large numbers of the larvae come down from high tree branches in the morning to avoid the growing heat. While some of these caterpillars seek shelter in loose tree bark, many can be captured in the burlap, which they'll also use to hide in before their afternoon pilgrimmage back up the tree. Larvae thus captured can be mashed and disposed of.

"Unfortunately, many people misunderstand that where the trees are concerned, this is only a palliative. It prevents total defoliation, leaving the trees green. It doesn't protect trees from the serious damage which, if sustained for two or three consecutive years, can kill the tree."

While gypsy moth larvae will eat the leaves of many types of forest, fruit and shade trees, they have their preferences, he continues. They favor oaks, but will munch on apple, birch, hazlenut, linden, beech, red cedar, hemlock, willow, pine and spruce. They don't like ash, balsam, fir, blackberry, dogwood, grape, holly, mulberry, sycamore and walnut.

This spring, says Gesel, Pennsylvania is experiences its biggest, most devastating gypsy moth invasion. Areas which suffered significant infestation last year have had a far greater outbreak — and probably will sustain still more tree damage.

The long-established pattern is a two- or three-year massive outbreak followed by a collapse.

Part of a northeastern U.S. phenomenon, he explains, the state's gypsy moth problem generally has been moving northeast to southwest along the mountain ridges. The "front" this year is near Phillipsburg, in Clearfield County.

Major parts of Centre, Huntingdon and Blair counties also are being hard hit. Nearby Cambria, Bedford, Fulton and Franklin counties are suffering too.

And significantly this year the gypsy moth has made its first major invasion of Philadelphia and southeastern Pennsylvania. It also again will do extensive damage in the Poconos, as well as in the northcentral/northeastern counties of Tioga, Bradford, Susquehanna and Wyoming.

Of the 41 million square miles of land in the temperate zone, only five million are considered good farm land.

Berks dairyman

(Continued from Page D11)

Duncan praises a recent change in the parlor, a De Laval DV 300 milking unit with automatic takeoff.

"The pulsation starts off slow, and, as the milk flow gets stronger, it goes to 70 pulses per minute. When the cow is milked out, the button goes down and the claws come off," he explains.

"It's the fastest way to get the milk out of a cow," he adds, noting his mastitis rate has come down since he changed from a non-automatic unit.

Duncan attributes his reduced mastitis count to other factors: the low-line with its 3-inch stainless steel pipe and 3-inch vacuum line, dry udders before the milker is put on the cow, and treating teats with a dip.

"The low-line produces a stable vacuum — we milk at 15 pounds now instead of the old 13 pounds where we had trouble with milkers coming off.

"The terry towels are the secret for mastitis control though. When the cow's dry before the milker is put on, there's no chance for dirt and manure to work its way down into the claw and up into the teat. And terry towels are cheaper, reusable, and better than paper towels. We keep enough towels on hand for each cow to supply two days of two-times-a-day milking," Duncan professes.

The DHIA rolling average of the Duncan herd is 16,400 pounds milk with 642 pounds fat. And, like most Berks County farms, Duncan ships his milk as an independent to a local dairy.

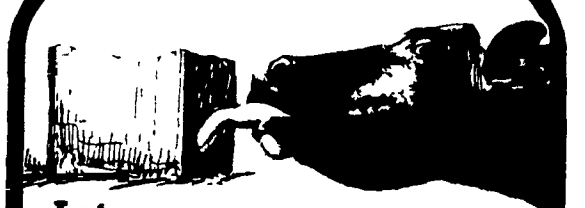
He explains Berks County is not in the Federal Order and is regulated by the Pennsylvania Milk Marketing Board.

"We get 28 cents below the Federal Order for our milk," he says, "but we come out above because of higher utilization.

Clarifying his position as a Berks dairy farmer and as the president of the Keystone Milk Marketing Association, Duncan states, "I'm not saying the Federal Order isn't necessary — there are places where it's needed. But it shouldn't be forced on farmers who don't need it, like here where our milk supplies a local market and our promotion dollars are spent."

Duncan also serves as president of the Berks Dairy Farmers Association and as chairman of his township's planning commission. He is a member of the county's Pennsylvania Farmers' Association, Bernville Grange, and Chamber of Commerce Ag Committee.

"Politics is a necessary evil. As farmers, we have to watch out for ourselves. No one else is going to protect us, preserve our farmland or prices. Farmers are an endangered species vitally important to our country," Duncan concludes.



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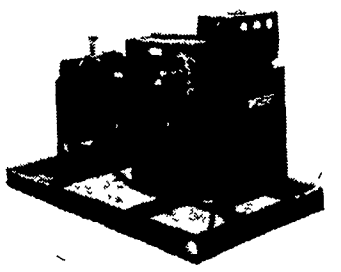
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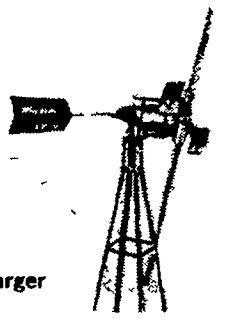
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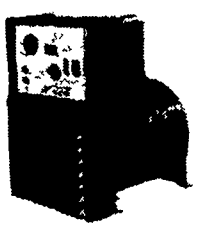
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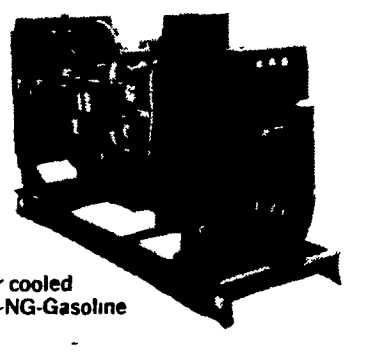
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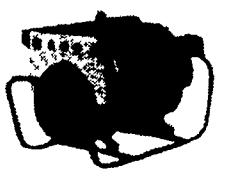
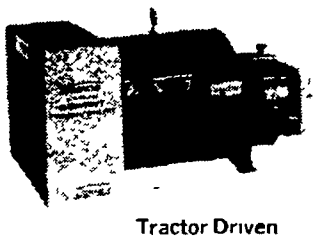
Diesel-LPG-NG-Gasoline


Fire Fighter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Diversions, terraces are tools for conservation

HARRISBURG — Diversions consist of a broad, shallow channel and ridge constructed across a slope.

These conservation practices intercept excess runoff and lead it slowly to a safe outlet such as a grass-lined waterway. Additional infiltration of water is achieved during the period when the water is carried in the diversion.

Diversions will usually be used in conjunction with stripcropping. They are generally spaced about 400 feet apart.

Terraces are similar to diversions in several ways. They include a broad base channel and ridge across a slope.

They differ from diversions in that they are spaced closer together and generally are shallower and broader than diversions. They also differ from diversions in that the channel is planted to a crop. Terraces are generally used in conjunction with contour farming.

Several types of terraces can be constructed. Gradient terraces carry water to a suitable outlet, such as a waterway or other stabilized area. Storage terraces are drained by underground pipe thus eliminating the need for grassed waterways or other outlets.

Storage terraces usually are designed to empty within a 48-hour period. During this time, infiltration of the stored water helps to restore moisture to the soil.

Storage terraces are more expensive but can be more easily constructed parallel to one another. This makes the land easier to farm by eliminating short rows. Storage terraces are more effective in obtaining maximum infiltration during and after a rainfall.

Both diversions and cropland terraces are important. By using these practices, moisture is conserved, erosion is reduced, the land is protected against severe intense rain storms, crop yields can be increased and more intense cropping systems can be utilized to increase profits.

These cropland storage terraces on the Dave Coble farm in Elizabethtown are one of the most effective ways to increase infiltration and reduce runoff, especially with intense cropping systems such as corn, soybeans or vegetables.

NEDCO presents dairy overview Wednesday

STOUCHSBURG — An overview of the national dairy situation and the Dairy Price Support Program will be the major topics of discussion by two representatives of the Northeast Dairy Cooperative Federation, Inc., at a meeting at the Rissers Restaurant, here, on Wednesday, May 27, starting at 8 p.m. The session will be open to all dairy farmers in the area.

Speakers at the evening meeting will be Ralph D. Smith, Syracuse, N.Y., NEDCO Director of Education, and James Beaver, Bellefonte, former NEDCO Director. The chairman of the meeting will be William A. Moore, Myerstown, Secretary-treasurer of the Cleona Milk Producers Cooperative Association who is co-sponsoring the meeting.

This meeting is one of a series of about 25 scheduled for New York and Pennsylvania to provide an opportunity for all milk producers to become better informed about the changing dairy industry.

Refreshments will be served.

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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

APRIL 1981

A Registered Holstein cow owned by Nelson H Wenger, R#6, Manheim, completed the highest 305 day lactation Flossie produced 22,564 lbs of milk, 1,061 lbs. of butterfat with a 4 7% test Second high lactation was completed by a Holstein cow owned by John M Harnish, Beaver Valley Pike, Lancaster 72 produced 24,522 lbs of milk, 912 lbs of butterfat with a 3 7% test

The herd of Henry U Stoltzfus, Jr , R#2, Honey Brook, had the highest daily butterfat average This herd of 43 2 Registered & Grade Holstein cows averaged 65 1 lbs of milk, 2 38 lbs of butterfat with a 3 7% test The herd of Jacob S Dienner, R#2, New Holland, placed second This herd of 52 1 Registered Holstein cows averaged 62 9 lbs of milk, 2 35 lbs of butterfat with a 3 7% test

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Nelson H Wenger						
Flossie	RH	6-11	305	22,564	4 7	1,061
John M Harnish						
72	GrH	5 3	305	24,522	3 7	912
Gretta	RH	9-2	305	18,998	4 1	773
Shernet	RH	5-3	305	22,027	3 5	764
Flora	RH	7-1	305	22,896	3 3	753
Rosanna	RH	8-9	305	20,966	3 4	713
Christian Zook						
June	RH	6-11	305	20,293	4 4	902
Vicky	RH	8 6	305	20,666	3 5	727
Susn 127	RH	3-4	305	21,724	4 1	894
Lete 111	GrH	5-1	305	21,542	3 3	704
Harry L Troop						
Aggie	RH	4-5	305	24,012	3 7	893
C Kenneth Young						
17	GrH	5 9	305	19,055	4 6	883
Aaron Z Martin						
94	GrH	4-7	305	22,633	3 9	879
2	RH	2-3	305	18,515	3 9	722
Cedar Fringed Farm						
Honesty	RG	4-11	305	17,814	4 9	878
Bethy	RG	4-8	305	16,587	4 8	802
Honetta	RG	3-1	305	18,615	4 2	787
Hilary	RG	7-7	305	13,845	5 2	721
Jacob S Dienner						
Jessie	RH	5-10	305	23,035	3 8	873
Robert H Kauffman						
Cathy	RH	4-3	305	25,090	3 5	872
Susie	RH	2-11	305	18,239	4 0	721
Promise	RH	8-0	203	13,471	5 3	719
Keith & Benuel Lapp						
Peggy	RH	0-0	305	22,638	3 8	862
Earl R Hursh						
Molly	RH	7-6	305	23,122	3 7	861
Norma	GrH	4-6	305	23,074	3 3	764
Dody	RH	2-4	305	20,187	3 6	735
Samuel M Martin Jr						
Laura	GrH	5 10	305	20,232	4 2	858
Tulip	GrH	3-9	305	22,917	3 6	821
Floss	GrH	5-1	305	22,345	3 6	799
Lenewood Farm						
Lilly	RH	9-6	305	21,519	4 0	856
Paul H Martin						
Ilena	RH	4-1	281	22,018	3 9	853
Poppy	RH	8-4	305	17,258	4 7	805
Curtis E Akers						
Daisy	RH	4-9	305	22,200	3 8	851
Brenda	RH	6-9	305	23,709	3 5	840
Lisa	RH	3-2	305	21,465	3 5	750
Lettie	RH	4 11	305	21,771	3 3	716
Raymond & Louise Witmer						
Splnoid	RG	5 3	305	16,383	5 2	851
Nedra	RG	7-8	305	14,348	5 3	761
Elm	RG	5 2	305	13,180	5 6	735
Glenn E Burkholder						
Pam	GrH	8 2	305	21,649	3 9	848
Apple	GrH	7 4	305	22,758	3 5	805
Kathy	RH	4 11	305	18,525	4 3	795
Nellie	RH	2 2	305	17,392	4 5	785
Josie	RH	3 3	305	20,349	3 5	708
Hattie	GrH	5 8	305	18,828	3 7	704
David McMichael						
4	GrH	8 4	305	17,943	4 7	847
Water-Flow Farm						
Fury	RH	4-10	305	24,170	3 5	844
J Ray Ranck						
Sandy	GrH	4 1	305	19,494	4 3	844
Viola	GrH	7 7	305	20,554	3 9	798
Maid	RH	9 3	305	18,781	4 2	788
Hiram S Aungst						
Rainy	RH	4 8	305	24,228	3 5	841
Dubby	RH	4 4	305	20,436	3 9	795
Fran	RH	4 8	305	18,715	4 1	774
Tabby	RH	4 2	305	18,158	4 2	759
Paul E Martin						
Suegent	RH	7-11	305	18,325	4 5	828
Lucy	RH	6 9	305	17,835	4 2	750
Aaron K Stoltzfus						
Fawn	RH	8 7	305	22,285	3 7	826
Sunshine	RH	6 1	305	19,581	3 9	767
Paul D Welk						
Buffy	RH	4 3	305	20,578	4 0	825
Bev	RH	4 4	305	22,698	3 2	732
Nelson W Nolt						
57	GrH	6-7	305	23,320	3 5	823
Elvin H Hess						
Joyce	GrH	4-3	305	20,003	4 1	822
K D & Else Linde						
Frame	RG	3-10	305	16,242	5 1	822
Xeta	RG	4-4	305	15,429	4 8	736
Britain Acres Farm						
125	RH	7-7	305	22,416	3 7	820
22	RH	8-5	305	18,605	3 9	731
J Earl Horst						
Nancy Ga	RH	5-6	305	20,681	3 9	815
Ivan Zook						
84	RH	5 5	305	22,658	3 6	814
Long Acres Farm						
87	GrH	5-1	305	19,732	4.1	814
Elmer M High						
42	GrH	3-7	305	18,353	4 4	812
100	GrH	3-1	305	23,455	3 4	786
Joseph L Fisher						
Rose 2	GrH	4-5	305	21,087	3 8	811
Emanuel S Smucker						
Fern	RH	4-3	305	24,734	3 3	810
Belle	RH	10-3	305	19,156	4 1	789
Robert H Rohrer & Sons						
78	GrH	6-7	305	17,685	4 6	810
244	GrH	3-6	305	19,108	4 2	798
188	GrH	4 7	292	19,077	3 7	702
Romella Farms						
Moon 2	RG	5-5	305	16,227	5 0	810
Peppi	RG	4-5	305	15,886	4 5	715
Amos E King Jr						
Lillian	RH	5-2	305	20,791	3 9	809
Jennie	RH	4-11	305	21,411	3.5	760
C Nevin Hershey						
Marcia	RH	5-8	301	17,280	4 7	808
Jonas O Sensenig						
9	GrH	4-9	305	19,038	4 2	807
Glenn R Binkley						
189	RH	4-4	305	18,870	4.3	804
182	RH	4-8	305	19,107	3 9	741
David B King						
Janet	RH	4-8	305	19,950	4 0	801
Supreme	RH	6-8	305	20,152	3 6	719
Peach	RH	4-7	305	21,838	3 2	706
Ken & Joanne Hershey						
Darla	RH	6-5	305	23,536	3 4	798
Running Springs Farm						
Topsy	RH	5-6	305	21,617	3 7	798
J E & Shirley Hershey						
Sandra	RH	4 7	305	20,888	3 8	798
David R. Stoltzfus						
23	GrH	7-7	302	22,486	3 5	796
Earl R Martin						
52	GrH	5-7	305	19,642	4 0	795
49	GrH	4-8	284	20,048	3 8	766
13	GrH	2-3	305	19,219	3 7	717
J Harold Fritz						
537	RH	6-2	305	20,756	3 8	794
Benuel S Stoltzfus						
Mildred	RH	5-9	305	20,338	3 9	794
Marice	RH	5-7	305	23,161	3 1	723
Calvin D Beiler						
Leana	RH	4-0	305	20,925	3 8	789
Brenda	RH	4-0	305	21,580	3 5	756
Prom	RH	7-3	305	18,995	3 8	715
J Richard Snavely						
Nancy 41	RH	5-8	305	19,169	4 1	788
Jonas B Lantz						
Conni	RH	6-0	305	21,481	3 6	784
Twin Oak Farms						
265	GrH	3-11	305	18,959	4 1	784
62	GrH	7-7	305	18,567	4 2	778
Melvin R Eby						
Winnie	RH	6-6	305	20,942	3 7	783
Robert W Ulrich						
Conie 25	RJ	3-2	305	14,372	5 4	783
Fern 50	GrJ	6-1	303	16,036	4 7	751
Blosm 65	GrJ	3-3	305	14,092	5 2	728
David S Fisher						
13	GrH	6-5	305	19,178	4 1	782
Omar S Kauffman						
Princes	GrH	9 0	305	20,164	3 9	781
Joanne	RH	5-8	305	18,004	4 0	720
Levi S Stoltzfus						
Wilma	RH	6-4	305	18,282	4 3	781
J Mowery Frey Sr						
Ginelle	RH	3 3	305	20,129	3 9	779
J M Stoltzfoos						
Beulah	GrH	5 6	305	19,185	4 1	779
Middle Creek Farm						
Gerben	RH	7-7	305	18,943	4 1	775
Mist	RH	5 3	305	20,600	3 4	706
Samuel A Stoltzfoos						
14	GrH	5-2	305	17,560	4 4	773
70	GrH	9-9	305	15,814	4 5	715
David E DeLong						
Kimberly	RH	5 5	305	18,258	4 2	771
90	RH	4-7	305	18,443	3 9	719
Gusty Crest Farm						
Bambi	GrH	4 6	305	20,763	3 7	769
Roxanne	GrH	4 6	305	19,892	3 5	703
J Harold Musser & Son						
27 Anet	RH	8-0	305	18,321	4 2	768
E R & R E Denlinger						
Frisky	RH	3-5	305	19,593	3 9	766
John Omar Stoltzfus Jr						
Sue	RH	5-10	305	22,009	3 5	762
Pride	RH	7-1	305	21,584	3 4	738
Noah K Beiler						
Molly	GrH	7-2	305	20,333	3.7	762
Patty	RH	5 2	305	19,893	3 8	759
Moses N Good						
Jane	GrH	5-7	305	19,115	4 0	761
Paul H Rohrer & Sons						
52	GrH	3-8	305	22,085	3 4	760
60	GrH	4-4	305	18,312	3 8	704
Aaron M Fisher						
Betty	RH	7-5	305	19,854	3 8	760
Earl & Steven Neff						
Alma	GrH	6-7	305	20,583	3 7	759
Lil	RH	6-4	305	18,409	4 0	742
Raymond H Good						
55	GrH	4-7	305	20,265	3 7	759
Robert L Shelly						
Peggy	RH	5 0	305	20,492	3 7	758
Rita	RH	4-3	305	18,395	4 0	733
Ivan Z Martin						
Starlit	RH	3 10	305	20,022	3 8	756
Robert L Gruber						
60 Emma	RH	5 7	305	18,718	4 0	755
Jonas E Zook						
Dana	RH	2-6	305	19,262	3 9	754
Weaver Homestead Farm						
81	GrH	6 1	305	18,983	4 0	754
Paul L Nissley						
Janis	RH	4 6	305	17,684	4 3	754
Jane	RH	5 5	305	17,867	4 1	734
Daniel M Stoltzfus						
Linda	GrH	4-8	305	20,892	3 6	753
Edgefield Farms						
Viola	GrH	4 7	305	18,595	4 0	748
Kind	Farm					
14	GrH	3-8	305	18,622	4 0	747
Lewis E Bixler & Son						
Trish	RH	4 9	305	16,266	4 6	747
Elam B. Rutt						
Jean	RH	6-7	302	20,084	3.7	745
Delmar & Susan Weaver						
37	GrH	4-4	305	18,710	4.0	745
Glenn C Hershey						
Frilly	RH	4-5	305	19,365	3.8	742
Lee Nome Farm						
Jane	RH	5-0	300	19,502	3 8	740
Knight	RH	5-8	305	18,020	3 9	704
Don Ranck						
150 Mia	RH	4-0	305	15,036	4 9	740
Adam & Jerene Zimmerman						
Vick	GrH	7-3	276	19,875	3 7	738
Moses M Beiler						
1	RH	6-4	305	23,762	3 1	737
12	RH	3-8	305	18,838	3 9	727
43	GrH	3-3	277	21,571	3 3	709
Ray & Linda Geissinger						
Lana	RH	8-0	305	19,240	3 8	737
David L Landis						
Eve	GrH	3-5	305	18,145	4 1	737
Jonas B King						
Patsie	RH	9-4	305	22,826	3 2	736
Lucy	GrH	6 0	305	21,651	3 3	723
Raymond M Weaver						
60	RH	4-6	305	19,313	3 8	734
59	GrH	3-7	305	18,869	3 9	730
John B Groff						
Annie	RH	4-10	305	19,124	3 8	734
Ephraim D. Riehl Jr						
Gay	RH	3-4	305	21,116	3 5	731
Samuel E Beiler						
Alma	RH	7-11	305	19,160	3 8	727
Chief	RH	7 0	305	18,853	3 9	726
Kreider's & Nickle						
163	GrH	6-2	305	20,434	3 6	726
Andrew G Miller						
Francis	RH	7-8	305	20,371	3 6	726
Roy Edwin Sauder Sr						
36	GrH	9-7	305	17,272	4 2	726
Christian & Katie King						
84	RH	5-9	305	17,854	4.1	725
Lawrence W. Garman						
Kay	RH	7-2	305	16,745	4.3	724
Alvin M Martin						
10	GrH	5-1	305	21,754	3.3	723
Lloyd B Sensenig						
Deb	RH	2-11	305	18,027	4 0	723
Ellis D Kreider						
108	GrH	5-10	305	20,008	3 6	722
David S Zimmerman						
134	GrH	4-10	305	20,501	3 5	721
Robert Gochenauer Jr						
37	RH	8-10	302	16,341	4 4	721
David W. Sweigart						
176	GrH	3-5	305	19,855	3.6	720
Triple H Farms						
488	GrH	5-8	305	18,994	3.8	718
Robert Kauffman Jr						
C. Dot	RH	4-1	305	20,443	3 5	717
Nevin & Doneen Dourte						
Maple	RH	3-6	305	18,761	3 8	716
Paul W Zimmerman						
32	GrH	7-0	305	22,062	3 2	715
Joseph Eshleman						
Bev	RH	4-9	305	20,325	3 5	715
R Larry Miller						
46	RH	9-0	305	20,034	3.6	714
Robert C Groff						
Quidd	RH	6-2	305	18,049	4.0	714
Joseph C Wivell						
Mim	RH	3-11	305	17,247	4 1	714
Roy C Neff						
Gladys	RH	6-8	298	18,316	3 9	713
Connie	RH	7-7	305	17,887	3 9	700
Dal Car Farm						
169	GrH	3-4	305	20,387	3 5	712
Ray P Bollinger						
Paula	GrH	3-6	305	18,965	3 8	712
Roy H & Ruth H Book						
Hanna	RH	5-6	305	16,656	4 3	711
Glenna	RH	4-2	305	19,840	3 6	709
Amos M Stoltzfus						
Suzanna	RH	5-6	305	19,276	3 7	710
Kenneth L Beiler						
Marge	RH	7-2	305	19,068	3 7	710
John B Stoltzfus						
71	GrH	3-11	305	18,449	3 8	710
Joseph W. Best						
102	GrH	4-7	289	15,154	4 7	710
Lester M. Weaver						
101A	RH	7-5	305	14,607	4 9	710
59E	GrH	6 0	305	21,774	3 2	706
John O Stoltzfus						
Bonnie	RH	5-2	305	20,665	3 4	709
Ruth	RH	7-8	305	22,161	3 2	705
John F Stoltzfus						
Gay	RH	4-1	299	21,300	3 3	708
Dan L Stoltzfus						
Joann	RH	6-4	305	16,565	4 3	708
Eli S King						
10	RH	5-7	305	16,031	4 4	707
David L King						
Lassie	RH	7-7	305	22,142	3 2	704
Allen Lee Stoltzfus						
Dew	RH	2-9	305	20,763	3 4	702
Ken & Nelson Stoner						
90	GrH	4-7	302	17,095	4 1	702
Warren F Bollinger						
72	RH	3-4	305	21,622	3.2	701
Alvin J Glick						
Locket	RH	6-4	304	17,908	3 9	700

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Henry Stoltzfus Jr	R&GrH	43 2	97 0	65 1	3 7	2.38
Jacob S Dienner	RH	52.1	96 0	62 9	3 7	2 35
Gusty Crest Farm	R&GrH	29 0	95 0	64 6	3 6	2 34
Christian Zook	RH	53 1	91.2	57.9	4 0	2 33
Curtis E Akers	RH	58 0	94.4	62.5	3 7	2 31
Nelson H Wenger	RH	43 0	96 1	57 0	4 1	2 31
Jonas O. Sensenig	R&GrH	44 5	96 0	59 2	3 9	2.30
Paul D Welk	RH	65 5	89 1	55 2	4 1	2 29
Samuel Martin Jr	R&GrH	62 0	99 1	60 6	3 7	2 26
J H Musser & Son	R&GrH	51 0	96 6	58 8	3 8	2 25
Paul H. Martin	RH	37 0	95 5	57 2	3 9	2 24
Abram M Stoltzfus	R&GrH	43 9	98 0	57 2	3 9	2 24
John Omar Stoltzfus	RH	49 8	96 5	58.1	3 8	2 22
Glenn Burkholder	R&GrH	63 8	90 1	56.5	3 9	2 21
Benuel Z Lapp	RH	43 2	93 4	63 4	3 5	2 19
Robert Kauffman Jr	RH	96 5	92 4	53 0	4.1	2 18

(Turn to Page D15)

Lancaster Co. DHIA

(Continued from Page D4)

Earl R Hursh	R&GrH	39 8	93.3	58.7	3 7	2 17
Jay E. Landis	R&GrH	42 0	93.5	56.5	3 8	2 17
Jacob Stoltzfuz	R&GrH	41 9	100.1	57.3	3 8	2 17
Daniel Stoltzfus	R&GrH	53 0	87.7	57 1	3 8	2 16
Spring Belle Farm	RH	42 5	90.2	51.5	4 2	2 15
Milky Way Farm	R&GrH	29 7	94 2	57 5	3 7	2 15
Hiram S. Aungst	RH	52 3	93.6	55 4	3 9	2 14
Ru Be Mar Farms	RH	25 3	82 9	54 1	4 0	2 14
Weaver Homstead Fm	R&GrH	83 5	89.7	55.3	3.9	2 14
Ben K. Stoltzfus	RH	36 1	89.7	59.1	3 6	2.13
Jonas B. Stoltzfus	GrH	48 4	88.0	52.9	4 0	2 13
Bennie L Fisher	R&GrH	40.1	93.2	55.2	3 8	2.12
Earl R. Martin	R&GrH	48 4	86.0	50 6	4 2	2 12
Elam P. Bollinger	RH	27 3	93.2	51.1	4 1	2 11
Martin H. Good	RH	47 2	91.3	51.7	4 1	2.11
John Z. Beiler	RH	43 4	93.6	57.1	3 7	2 11
Cedar Fringed Farm	RG	126 1	89.4	40 9	5 1	2 10
Ammon E. Reiff	RH	32.4	102.8	54.7	3 8	2.10
Harry L. Troop	RH	59 3	95.0	53.6	3.9	2 09
Robert Gochenaur Jr	RH	52 1	94.7	62.9	3 3	2 08
Amos E. King Jr	RH	37 0	97.6	56 0	3.7	2.06
A & J. Zimmerman	R&GrH	30 1	82.8	56.0	3 7	2.06
Kenneth D Myer	RH	70 1	85.1	47.8	4.3	2 06
Carl L. Martin	RH	85 4	94.3	48.0	4 3	2.05
J.R. Metzler & Son	RH	42 1	95 5	53.6	3.8	2 05
Ellis D Krieder	R&GrH	57 1	86.1	53 2	3.8	2.04
Clyde W. Martin	RH	106 1	92.2	54.9	3 7	2 04
J. Clayton Charles	RH	47 5	95.9	55.8	3 7	2.04
Allen Lee Stoltzfus	RH	40 1	92.5	55.4	3 7	2.04
John U Glick	RH	50 3	95.0	52.1	3.9	2.04
Benuel Stoltzfus	R&GrH	40 4	94.8	54.6	3.7	2 03
Jacob M. Conley	R&GrH	38 0	95.6	52.9	3 8	2.03
Nelson W. Nolt	R&GrH	60 9	91.5	54.1	3 8	2 03
John M. Harnish	RH	172 6	90.8	53.9	3 7	2.02
Fred Crider	RH	6 0	100.0	62.9	3 2	2 02
Willis M. Martin	R&GrH	50 4	92.2	52.8	3.8	2 02
Clair E. Miller	R&GrH	65 0	90 8	52.2	3.9	2.02
Simeon B. Beiler	R&GrH	33 9	93.1	53.8	3.8	2.02
Levi S. Stoltzfus	R&GrH	44 1	95.0	50.2	4.0	2.01
Robert H. Kauffman	RH	71 1	83.6	57.8	3.5	2.01
Ray P. Bollinger	R&GrH	45 0	97.0	51.0	3.9	2.01
David L. Landis	R&GrH	76 1	92 4	52.8	3.8	2.01
Daniel E. Fisher	R&GrH	46 4	88.4	53.8	3.7	2.01
Meadow Springs Fm	R&GrH	37 9	87.8	51.4	3.9	2.01
C. Stoltzfus	R&GrH	34 0	94.9	60 7	3.3	2 01
Edgefield Farms	RH	106 0	92.2	51.8	3.9	2 00
Robert L. Shelly	RH	37 9	88.8	50.8	3.9	2 00
J. Ray Ranck	R&GrH	41 4	93.9	46.0	4 3	2 00
Paul E Martin	RH	41 8	89.5	48.1	4.1	1.99
Earl S. Weaver	R&GrH	54 9	86 9	51.0	3.9	1.99
Paul M Fahnestock	R&GrH	68 4	93 8	51.9	3.8	1 99
David S. Stoltzfus	R&GrH	32 0	92.1	57.1	3 5	1 98
D & S. Weaver	R&GrH	47 9	94 6	52.3	3 8	1 98
Harlan W. Hoover	GrH	31 0	85 8	54.3	3 6	1.98
Calvin D. Beiler	RH	47 5	96 8	54.6	3 6	1 97
J. Richard Kolb		67 0	92 5	51.2	3 8	1 97
Noah K. Beiler	R&GrH	41 7	95.9	59 7	3 3	1 97
Samuel I. Esh	RH	41 0	90.7	55 8	3 5	1 96
Emanuel S Smucker	RH	54 8	90.6	48 9	4 0	1 96
Nelson R Habecker	R&GrH	68 0	88.7	51 2	3 8	1 96
LeRoy Oberholtzer	R&GrH	48 1	86 7	53 9	3 6	1.96
Harry H. Ranck Jr	RH	53 0	94.9	53 5	3 6	1 95
J. Robert Kindig	RH	57 0	88.3	49 9	3 9	1.95
R Wenger & D Hunt	R&GrH	40 4	86 0	48.1	4 0	1.94
Dale & Steve Hershey	RH	56 4	93.0	52.5	3 7	1.94
Aaron K Stoltzfus	RH	41 2	86 4	52.3	3 7	1 94
John L Landis	R&GrH	198 6	88 4	51 0	3 8	1 94
Pequea Meadows Fm	R&GrH	74 2	88 5	50.2	3 9	1 94

Dairy Pipeline

By
Glenn A. Shirk

Extension
Dairy
Agent

Forage Quality - Grab It While You Can!

More cash income and fewer expenses. That is the dream of many dairymen, especially now as costs are escalating and milk prices are leveling off.

Now is an ideal time to focus on producing high quality forages - the kind of forages that encourage high levels of efficient milk production, and the kind of forages that can help reduce your dependence upon purchased feeds. This won't require much, if any, additional expense, but it will require doing a lot of right things at the right time. So, why not grab this golden opportunity now, while you can?

Ephraim Riehl Jr.	R&GrH	33.1	91.2	48.7	4.0	1.94
Marvin Reed	R&GrH	33 7	89 8	50.2	3 9	1.94
Wilmer G. Kraybill	RH	56.0	92.9	48.6	4.0	1.93
Spring Lawn Farm	RH	135 8	92.9	53.6	3.6	1 93
Earl Smoker	R&GrH	48.9	89.0	54.6	3.5	1 93
J. Wilmer Conrad	RH	41.0	90.2	52.5	3.7	1.93
Kenneth L Beiler	RH	52.2	88.2	50.5	3.8	1 93
J. Wilmer Eby	R&GrH	76 6	91.2	48.0	4.0	1.93
Ken & Nelson Stoner	RH	87.0	86.9	49.6	3.9	1 93
Paul Rohrer & Sons	GrH	79.9	92.4	51.7	3 7	1.93
John F. Stoltzfus	R&GrH	32.0	89.2	56.2	3 4	1.93
Elmer M. High	R&GrH	51.0	86.7	53.1	3 6	1 93
Aaron Z. Martin	R&GrH	30 0	80 8	49 2	3.9	1.93
David McMichael	R&GrH	77 9	77.2	50.4	3 8	1.93
Lenewood Farm	RH	69.3	87.0	51 3	3 7	1 92
John S. Nolt	R&GrH	38.1	83 8	47 5	4 0	1 92
G. M Weaver	R&GrH	32 9	91.9	52 7	3 6	1 91
Charles Smith	R&GrH	70.9	92.1	48 2	4 0	1 91
Kenneth G. Groff	R&GrH	51 1	92 8	51 8	3 7	1 91
T & J Harnish	R&GrH	69 2	86 1	50 0	3 8	1.91
C. Victor Groff	R&GrH	99.0	86 4	49.7	3 8	1 91
Meadow Vista Farm	RH	143 2	91 4	54 5	3 5	1 91
Christian Becker	R&GrH	37 2	98 0	47.6	4 0	1 91
Roy H. & Ruth H. Book	RH	47 0	92 6	48.4	3 9	1 90
John O. Stoltzfus	R&GrH	35 1	92 7	47.6	4.0	1 90
Ferncrest Farm	R&GrH	49.4	91 7	44.1	4.3	1 90
Sandy Hollow Farm	R&GrH	37.1	96 1	54.5	3 5	1 90
Bart Del Farm	RH	25.6	85 8	50 7	3.7	1 90
King-Ridge Farm	RH	37 4	91 8	59.3	3.2	1 90
Swaying Maple Farm	R&GrH	38 0	96 4	47.5	4.0	1 90
Shoemaker Bros. Farm 1	RG	48 4	95 2	39.4	4.8	1 90
Ammon E. Reiff	RH	32 7	95 3	48.9	3.9	1 90

Stage of maturity is the single, most important factor affecting forage quality. For top quality, alfalfa should be cut at the bud stage of maturity, grasses in the boot stage, rye in the late boot stage (already past), and barley, oats and wheat in the early head stage. Small grains are lowest in nutrient content in the milk stage, but increase again in the soft dough stage. Beyond these stages of maturity, which are ideal for top nutritive value, you start substituting yield for nutrient content. So, you have to determine which is most crucial for your particular situation.

If you have top producing cows you'll probably want the best quality forages possible; otherwise, you'll sacrifice milk production, and that can really bite into your profits. For average producing cows you can probably tolerate average quality forages. This may allow you to harvest at slightly later stages of maturity in the interest of increasing tonnage and nutrient yield per acre. Most farms can utilize a variety of forages to good advantage — top quality forages for the early lactation cows and lower quality forages for the "tail-enders", dry cows and heifers.

Moisture Content

The secnd most important factor affecting quality is moisture content at time of harvest; it affects fermentation, "keeping" quality, palatability and feeding value. Hay can be baled loosely at about 20-22 percent moisture. Below this level, leaves shatter much more readily, and the leaves contain most of the nutrients. Above this level, the risk of spoilage and spontaneous combustion increases.

The use of preservatives enables farmers to bale hay at a higher moisture content. Hay can be cut earlier, at a more ideal stage of maturity, even though weather conditions are less than ideal. Even under good drying conditions, using preservatives and baling at higher moisture levels,

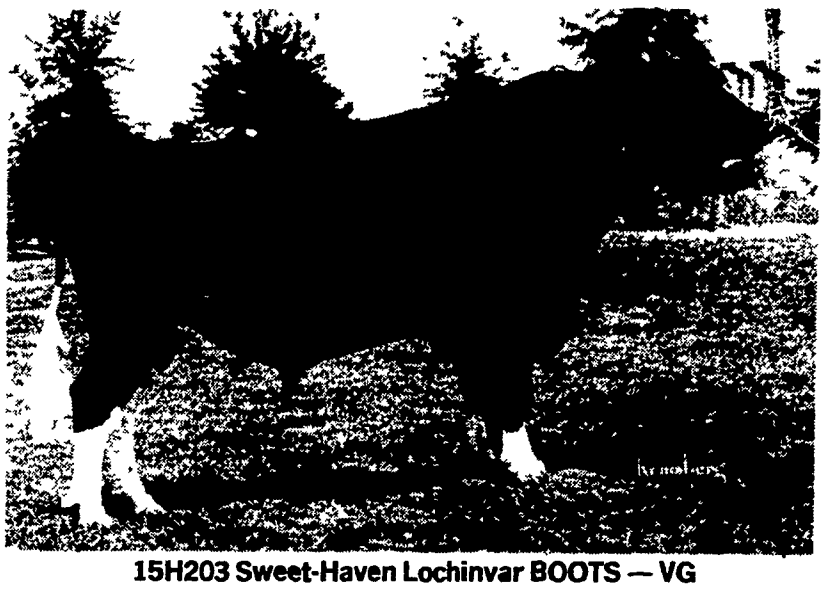
(Turn to Page D16)

Use the Profit-Making Genetic Power of Mariner and Boots

15H202 Elmsmith Marcus MARINER — VG

54 Daus. in 44 Herds Ave.	17,437M	3.5%	603F
Predicted Difference (75% rpt.)	+1,537M	+$149	+28F

10 Daus. Cl. 76.6 (act.) 79.1 (age-adj.); +.39 PDT
Type Strengths: rear udder, legs & feet, and rump
Sire: Harborcrest Marcus — GP & GM
Dam: an EX-3E Jerry dau. with rec. to 24,564M & 784F



15H203 Sweet-Haven Lochinvar BOOTS — VG

81 Daus. in 48 Herds Ave.	17,487M	3.6%	623F
Predicted Difference (79% rpt.)	+1,202M	+$123	+26F

19 Daus. Cl. 77.8 (act.) 80.2 (age-adj.); +.26 PDT
Type Strengths: body strength, fore udder, rear udder, teats, and rump
Sire: Paclamar Bootmaker — EX & GM
Dam: VG Skylark dau. with rec. to 30,100M & 1,011F

(January/81 USDA Production and January/80 HFA Type Summaries)

Our Daily Holstein Selection Includes:
23 bulls with milk PD over +1,000
27 bulls with value PD over +$100
7 bulls with +PD for % test
34 bulls with at least 70% repeatability
25 bulls with +PD for type

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Approved by Certified Semen Services

Dairy Pipeline

(Continued from Page D15)

reduces leaf loss and minimizes losses due to bleaching and leeching.

More leaves are preserved, too, if hay is handled as few times as possible and if not handled when dry. Here is where haybines are of benefit, they minimize the number of times hay is handled by performing the cutting, the crushing and the windrowing, all in one operation and while the hay crop has sufficient moisture. If raking or tedding is necessary, be sure the hay is moist enough to prevent leaf shattering. Let it finish drying in the windrow.

Ensiling is another way farmers can insure top quality in their hay and small grain crop forages. For top quality, ensiled forages should be wilted to about 50 to 65% moisture. Chop to a length of about ½ inch, blow it into a tight structure, fill rapidly, pack well, and then seal. Keep the knives sharp for a good, uniform cut. The length of cut can vary with moisture content; perhaps a 3/8 inch cut for dryer material and 5/8 inch for wetter material. The value of preservatives is generally greater at moisture levels above and below the desired range.

Because moisture testing is so essential for good management and efficient production, all dairymen who feed high moisture feeds should own a moisture tester and use it regularly during harvesting, and as the crop is being fed out. In the absence of a moisture tester, these guidelines may help give you a rough indication of the moisture content of your forages at time of harvest. Grab a handful of finely chopped forage and squeeze it tightly. If the ball holds its shape when you release your grip and your hand is moist, it's probably about 71 to 75% moist. If the ball expands slowly and your hand is not damp, the moisture level is probably about 61 to 70%. Below 60%, the ball usually springs apart when you open your hand.

Yield and Longevity

Also consider yield and longevity of the alfalfa stand. Early removal of the first cutting of alfalfa usually enables farmers to beat the alfalfa weevil and to get an extra cutting of hay for that growing season. It also permits the possibility of two cuttings to be harvested prior to the onset of summer droughts and potato leafhoppers. All of this adds up to improved quality, greater yields and more profits.

Remember, too, it is expensive to establish new stands of alfalfa. So, give some thought to the vigor and life of the stand. Aftermath cuttings can be harvested about 35 to 42 days after the previous cutting - when the basal buds start shooting new growth. However, at least one of the cuttings should be allowed to come into bloom. This gives the alfalfa plant an opportunity to replenish its root reserves, thus increasing its ability to overwinter. Similarly, the first cutting of a new seeding of alfalfa sould be harvested at about the 1/10 to mid-bloom stage of maturity. This gives the new seeding a better opportunity to become well established before being subjected to the rigors of intensive management.

Also important to the vigor, yield and life of the stand, and to the quality of the forage harvested, is adequate liming and fertilization plus control of insects and weeds.

It is more costly not to manage alfalfa, than it is to manage it well!

As we consider growing and harvesting higher quality, greater yielding forages, there is another concept we need to keep in mind. Is our main objective to reduce purchased feed costs, increase returns over feed costs, or to maximize net profit from the farm? In an effort to reduce purchased feed costs you may actually be reducing your total profits! Read that again! "How can this be?", you ask.

For example, if you own a small farm with limited acreage it will probably be less profitable to raise all your grain and forage in the interest of reducing purchased feed costs; chances are, you may not be able to support enough cows to earn a good livelihood for the family. It probably would be more profitable to raise only those crops which yield the greatest amount of feed nutrients per acre, such as corn for silage and high yielding alfalfa, and then buy necessary grain and protein; in this manner, more cows could be milked and net profits would probably increase, even though purchased feed costs are higher and returns over feed costs per cow - less. This is assuming that you would not have to borrow vast sums of money to build expensive facilities to accommodate the expanded herd.

On the other hand, if you have an abundant amount of acreage to work with and you are not interested in milking any more cows, than you would probably profit by growing as much of your feed as possible, increasing your returns over feed costs and reducing your dependence upon purchased feeds. Chances are, it will be more profitable for you to market as many of your crops as possible through cows, and selling the remainder for cash.

It is very difficult to make generalizations because every farm situation is unique in its own way. One thing is certain though, you can increase cash flow in the future by taking advantage of every opportunity now to grow and harvest top quality, high yielding forages, and then store and feed these forages in such a manner so as to make most efficient use of the quality and nutrients in the crops you have harvested.

Pa. wheat crop, hay stocks down

HARRISBURG — Pennsylvania's 1981 winter wheat crop is expected to produce 8.25 million bushels from 250,000 acres based on May 1 conditions, according to the Pennsylvania Crop Reporting Service.

If realized, the crop would be 11 percent below last year's state production. A lower anticipated yield of 33 bushels per acre is responsible for the smaller crop.

U.S. winter wheat production is forecast at a record high 2.08 billion bushels, ten percent above the 1980 crop.

Hay stocks on Pennsylvania farms May 1 were estimated at 795,000 tons, down 19 percent from a year ago. U.S. total hay stocks of 25.5 million tons were down 24 percent from last year.

SOYBEAN ROASTING ON YOUR FARM

DON'T WASTE IT — ROAST IT

MOLDY OR MUSTY CORN
Have it restored to useable condition by roasting.

Make higher profits from all grains, roasting improves TDN, destroys molds and retards toxins and removes moisture.

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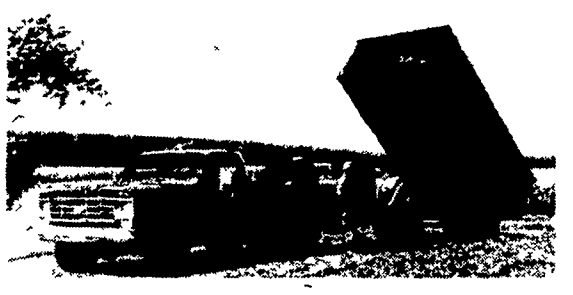
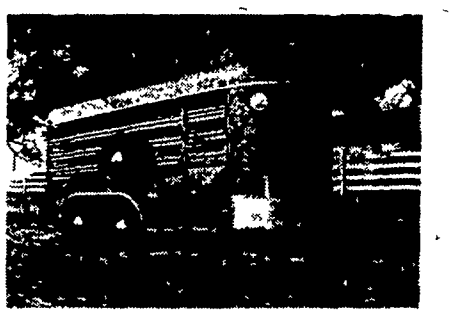


Grain Trailer Comes 8'x16' & Has 40" Grain Sides



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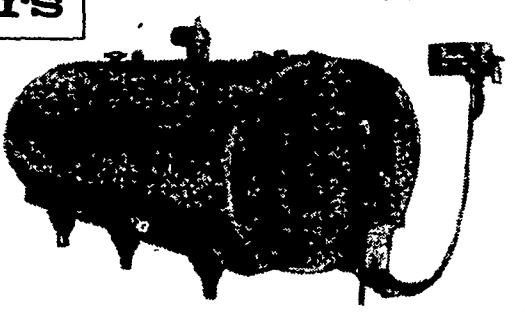
Bulk Milk Coolers

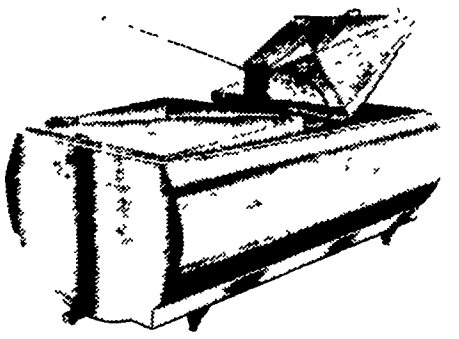
THE ALL STAINLESS STEEL MODEL-C FRE-HEATER FOR ALL BUNK TANKS

HiPerForm

The Mueller Model "OH" with HiPerForm cooling, Mueller-Matic Automatic Washing System, and built-in freezer protection control is the most advanced bulk milk cooler in the world. The nation's most progressive dairymen are using it. Shouldn't you be?



ASK US ABOUT LEASE or LEASE PURCHASE ON MILK TANKS



THE MUELLER MODELS OH, MHL, AND MW WITH HIPERFORM MAKE ALL OTHER BULK MILK COOLERS OBSOLETE
SEE THE MUELLER NEW MODELS
★ 500 MW ★ 600 MW

The "MW" is one of the Lowest pouring Height Bulk tanks Check with us all the new features on the "MW" bulk tank.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller "OH" "MHL", and "MW" you may be buying an obsolete cooler.

USED TANKS

400 gal. D-4 Girton, like new
1 (2) 500 Gal. D-2 Girton
1000 Gal. Girton
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800 Gal. Esco
300 gal. Mojonnier
400 Gal. Dari-Kool
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The Air System with A Mind Of Its Own

Until now, most ventilation systems had one drawback. Air inlets had to be opened and closed by hand.

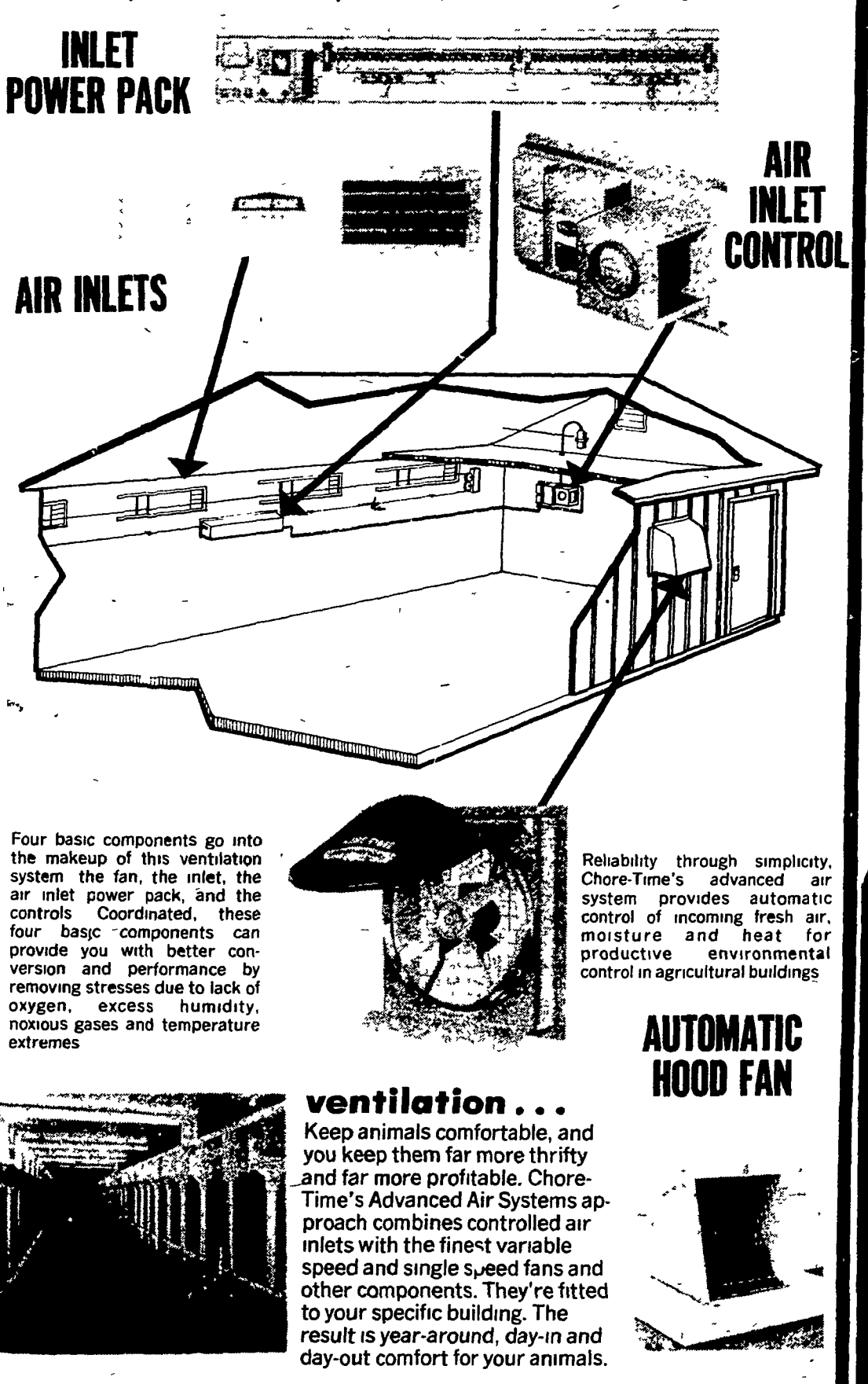
This was time consuming — and pretty much a matter of guesswork.

Now, Chore-Time has eliminated this problem.

The Chore-Time system has a mind of its own and adjusts inlets — in conjunction with fan operation — to maintain air pressure at a constant, preset level.

This provides a degree of air and moisture accuracy never before possible in poultry and livestock buildings.

The new inlet control (pictured) is just one of many exclusive features that make Chore-Time air systems number one in performance and reliability.



Four basic components go into the makeup of this ventilation system the fan, the inlet, the air inlet power pack, and the controls Coordinated, these four basic components can provide you with better conversion and performance by removing stresses due to lack of oxygen, excess humidity, noxious gases and temperature extremes

Reliability through simplicity, Chore-Time's advanced air system provides automatic control of incoming fresh air, moisture and heat for productive environmental control in agricultural buildings

AUTOMATIC HOOD FAN

ventilation . . .

Keep animals comfortable, and you keep them far more thrifty and far more profitable. Chore-Time's Advanced Air Systems approach combines controlled air inlets with the finest variable speed and single speed fans and other components. They're fitted to your specific building. The result is year-around, day-in and day-out comfort for your animals.

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NY-NJ MMA gives dairy promotion plan approval

NEW YORK, N.Y. — A plan whereby dairy farmers contribute money for milk promotion activities of the American Dairy Association and Dairy Council, Inc., was approved last week by Thomas A. Wilson, Market Administrator, New York-New Jersey Milk Marketing Area.

These milk promotion activities include advertising, nutrition education, publicity for dairy products, marketing and product research, and informational services.

Noting that New York and New Jersey have mandatory milk promotion plans, the Market Administrator stated no dairy farmer will be subject to deduction under this program if making mandatory contributions under a state plan.

Wilson said last week's action allows handlers regulated by the marketing orders to send "positive letters" to their dairy farmer suppliers. Dairy farmers who receive a letter will be considered to approve for one year deductions of eight cents per hundredweight from their monthly milk checks, unless they notify their handlers in writing that no deduction should be made.

Moneys deducted from payments for milk delivered on or after June 1, 1981, will be paid directly by the handler to the American Dairy Association and Dairy Council, Inc.

The Market Administrator explained participation is voluntary for both handlers and producers, and a participating producer may have deductions stopped at any time by notifying the handler. A producer who does not want to participate and who receives no letter need not notify the handler since no deductions will be made.

In approving the plan for the coming year, Wilson pointed out that there has been no substantial opposition to the use of the positive letter procedure by producers.

Use of the positive letter approach was requested by Dairylea Cooperative Inc., Eastern Milk Producers Cooperative Association, Inc., and Northeast Dairy Cooperative Federation, Inc.

PGC warns against utility equipment damage

HARRISBURG — The Game Commission again in appealing to shooters to handle firearms safety and sensibly to protect lives and save property.

Each spring, as soon as schools close, there is a sharp upturn in shooting damage. Public utility equipment is a favorite target.

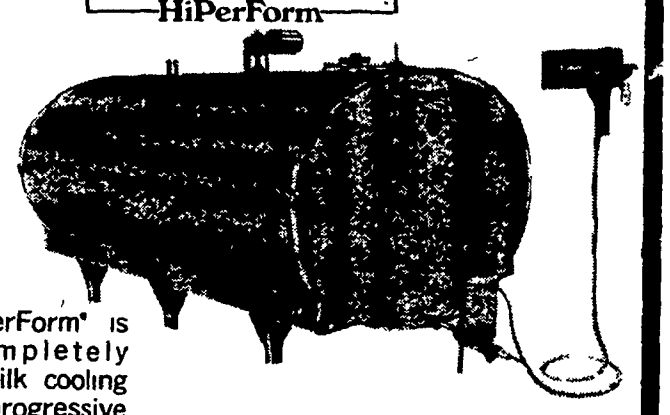
Much of the damage to utility lines, transformers, insulators, relays, etc., can be traced to youths using firearms carelessly. Most shooting incidents are deliberate, and annual property losses run into hundreds of thousands of dollars in the state.

Evidence of misdirected target practice by youths during summer vacations has prompted law enforcement agencies to add special emphasis in their program to impress upon teenagers and parents the importance of handling and using firearms properly to save lives, reduce injuries and protect private property.

Severe penalties can be imposed upon shooters who indiscriminately damage property or endanger others through deliberate or careless misue of firearms.

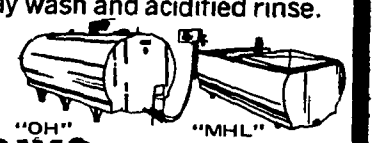
YOUR MILK QUALITY GUARDIAN...

MUELLER HiPerForm



Mueller HiPerForm® is the completely automatic milk cooling system for progressive dairymen. Durable HiPer-Form Model "OH" and "MHL" Milk Coolers feature large-radius corners and smooth stainless steel welds for easy cleaning. Cooler capacities range from 300 to 6000 gallons. With the flip of a switch, Mueller-Matic® Automatic Washing System cleans the cooler interior with jet-spray wash and acidified rinse.

Ask us for details on HiPerForm milk coolers.



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SALES & SERVICE

York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1981

The high herd was Wayne E Myers, 3870 S Salem Church Rd., Dover, PA 17315 with 41 Holstein cows producing 66 0 lbs milk and 2 48 lbs B.F Second high was Thomas Boyer, 110 Biesecker Rd , York, PA 17404 with 34 Holstein cows producing 62.9 lbs milk and 2.35 lbs B F

The high cow was Lorna a 6 year old Holstein from Fawn Valley Farm, R1 New Park, PA 17352 who produced in 305 days 20,154 lbs. milk and 837 lbs B F. Second high was 463 a 3 year old Holstein owned by McRal Dairy Farms, R1 East Berlin, PA 17316 who produced in 305 days 18,392 lbs milk and 809 lbs B F

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Wayne E Myers	3	41 4	98 3	66 0	3 8	2.48
Thomas A Boyer	3	34 3	94 3	62 9	3 7	2.35
Paul R King	3	44 0	88.2	58 0	4 0	2 33
Paul R King	3	46.4	87 6	57 1	4 0	2 31
Smysers Richlawn Fm	3	71.7	90 7	58 7	3.9	2 28
Avalong Farms Inc.	3	25 6	89 6	58 5	3 8	2.24
Sinking Spring Fm	3	66 7	96 2	58 4	3 8	2 20
The JE Baker Co	B3	41 6	92 6	56 5	3 8	2.14
Leonard W Greek	3	25 0	95 9	54 1	3 9	2.09
T Edwin Johnson	3	49 6	88.1	49 5	4 2	2.08
Wayne B Mummert	B3	70 2	88 9	52 1	4 0	2 07
Dennis J. Myers	3	53 0	99 1	51.5	3 9	2 00
HE Fetrow & Sons	3	76 3	89 1	51 2	3 9	1.98
Melvin R. Lehr	B3	46 7	84.2	49 7	4.0	1.97
Daryl L. Bair	B3	40 5	94 4	57 0	3 5	1 97
William Ruppert	B3	53 8	93 6	52 9	3.7	1 95
Hidden Springs Fm	B3	77 3	92 8	48 3	4 0	1.93
C Robert Kilgore	B3	41 9	92 1	51 6	3.7	1 93
Leonard W Greek	3	25 0	88 9	50 3	3 8	1 93
Lynn Wolf	3	49 0	87 0	49.5	3.9	1 91
Earl Fuhrman	3	76 0	90 3	46 6	4.1	1 90
Beshore Farms	3	43 4	81 6	50 5	3.7	1 87
Leader Farms	2	77 1	85 6	37 1	5.0	1 87
Fred Sprenkle	3	36 0	92 5	51 6	3.6	1 86
Rick L Cook	B3	51 0	89 3	49 4	3 7	1 85
Adrian Rinehart	B3	91 3	96 2	46 6	3 9	1.83
Leland Stanford	B3	34 1	96 6	49 2	3 7	1.82
Mervin W Hertzler	2	65 0	93 4	37 0	4 9	1.81
Leroy Bupp	3	87 0	93 7	52 3	3 4	1.80
Perrydell Farms	3	176 2	88 0	47 2	3 8	1 80
William S Buser	3	82.4	96 0	46 8	3 8	1.79
Kenneth Rexroth	B3	102 6	86 9	47 9	3 7	1.78
Geo. Knight	3	116 6	88 3	45 5	3 9	1 76
Walkers Farm	B3	77 0	90 1	46 7	3 8	1.76
Albert Dehoff	B3	126 9	95 3	45 8	3 8	1 75
Smokey Hollow Fm	B3	35 2	84 3	44.9	3 9	1.75
McRal Dairy Farm	B3	124 4	90 8	47 8	3 7	1.75
		40 1	87 4	44 8	3 9	1 74
Vincent C Webb	B3	51 7	91 7	4	3 8	1 73
P McWilliams Jr	B3	41 0	92 4	46 3	3 7	1.73
Fawn Meadow Hols	B3	68 8	94 1	49 7	3 5	1 73
Phillip Laughman	3	24 2	82 0	43 0	4 0	1 72
J & M Hushon	B3	97 3	89.9	44 5	3 8	1 71
R & M Stewart	3	44 2	83 9	44.0	3 9	1 70
Bupplynn Farms 2	B3	62 8	89 5	44 4	3 8	1 70
Elvin G. Molison	B3	120.3	81 5	45.6	3 7	1 70
R Baumgardner Jr	B3	54 0	92 6	46.2	3 7	1 70
Honeycrest Fm	B2	95 0	88 8	38.1	4 4	1 68
Gum Tree Farm	3	41 1	93 8	45.0	3.7	1 67
Elvin R. Deiter	B3	64 5	91 5	46 2	3 6	1 67
Edwin L Calhoun	B3	43 9	88 0	42 5	3 9	1 66
Big T Holsteins	B3	80 1	92 7	44.5	3.7	1 64
John H. Doll Jr	B3	33 8	85 6	45 5	3 6	1 63
D & D. Doll	B3	74 9	92.9	46 8	3.5	1 62
Horace E Heindel	B3	125 8	84 6	46 0	3 5	1 62
Eugene B Taylor	B3	50 3	91 0	44 5	3.6	1 62
David V Thompson	B3	94 4	87 2	40 9	3 9	1 60
Stump Acres	B3	102 0	90 0	42.7	3 7	1.60
Avalong Farms Inc	2	43 5	81 4	34 0	4 6	1 58
Eugene M. Kilgore	B8	50 8	87 2	43 3	3 6	1.57
Philip Stambaugh	3	52 2	91 0	42.3	3 7	1 57
Little Creek Fms	G3	230 3	92.6	42 4	3 7	1.57
Ronald Stein	B3	46 7	92 0	43 0	3 7	1 57
Robert W. Mays	B3	60.7	88 5	43 9	3 6	1.56
Walnut Hill Farm	B3	48 1	82.3	40 7	3 8	1 55
William H. Fantom	B3	52.0	88 4	41.5	3 7	1 54
Harold Brown	3	60 2	89.6	42 6	3 6	1 54
Jacob Brubaker	B3	49.4	88 2	42.5	3 6	1 54
Ellis Crowl	B3	101.3	86 2	45.9	3 3	1 53
Double D Farm	B3	94 3	85 2	37.3	4 1	1 53
Eisenhart Bros.	G3	65.1	86.9	39.4	3 9	1 52
Richard E. Stough	B3	36 3	82 2	38.8	3 9	1 51
D. & C Druck	B3	69 9	79 2	41.7	3 6	1 51
David Gemmill	B3	49 4	92 3	37.0	4 1	1 51
Fawn Valley Farm	B3	62 8	93 6	40.1	3 7	1 50
Furnace Creek Farm	3	115 9	87 6	40 7	3 7	1 50
Fantom & Gordon	B8	58 9	88 5	37 6	4.0	1 50
Dale Barshinger	B3	37 7	82.0	38 5	3 8	1 48
Donald Lanius	B2	82 7	90 8	30 9	4 8	1 47
John D. Adams	B3	70 6	83.1	36.4	4 0	1 47
Donald Wilson	B3	43 3	90 5	38 7	3 8	1 46
Dennis McWilliams	B3	63 1	89 0	43 3	3 3	1 44
Gary W Thoman	3	43 8	85 5	39 1	3 7	1 44
C Herr & Son	B3	52 9	90.7	37 7	3 8	1 43
Double D Farm	B3	93 2	76 3	37 1	3 9	1 43
Carl Anderson	B3	43.0	82 0	36 0	3 9	1 42
Wayne L Sweitzer	B3	52 5	78 4	39 0	3 6	1 42
Dale Clymer	B3	68.1	85 3	36 3	3 9	1 42
Elwood T Krick	B3	78.0	87 0	36 2	3 9	1 41
Charles Hess	B3	100.8	84 4	39 1	3.6	1 41
R & M Farms	B3	38.6	89 2	34 6	4.0	1 38
Albert Neufeld	B3	117.1	80.2	36 4	3 8	1 38
Desota & Burchett	G3	106.7	86 4	35 6	3 8	1 37
David M Emig	G3	52.6	94 4	48 7	4.2	2 03
Jordon Bros.	B3	70.9	84 9	43 3	4.2	1 82
Donald Eyster	B3	28.8	93 4	43 6	4 0	1.73
Benjamin Beiler	B3	32.0	80 7	43 6	3.9	1 69
Gary Altland	G3	38 3	85 4	33 2	4 6	1.54
Doll Zirkle	B3	32 9	82 1	40 9	3 5	1.43

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Geo Knight						
Lock	3	9-0	305	18,195	2.9	528
Donna	3	5-3	305	19,125	4 1	788

(Turn to Page D19)

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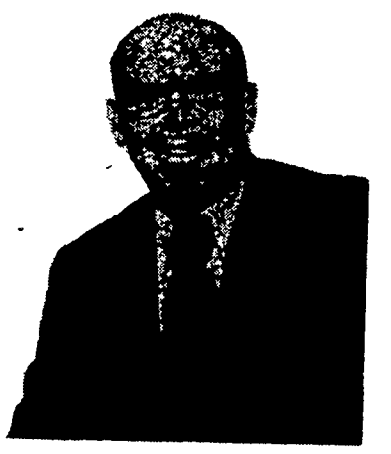

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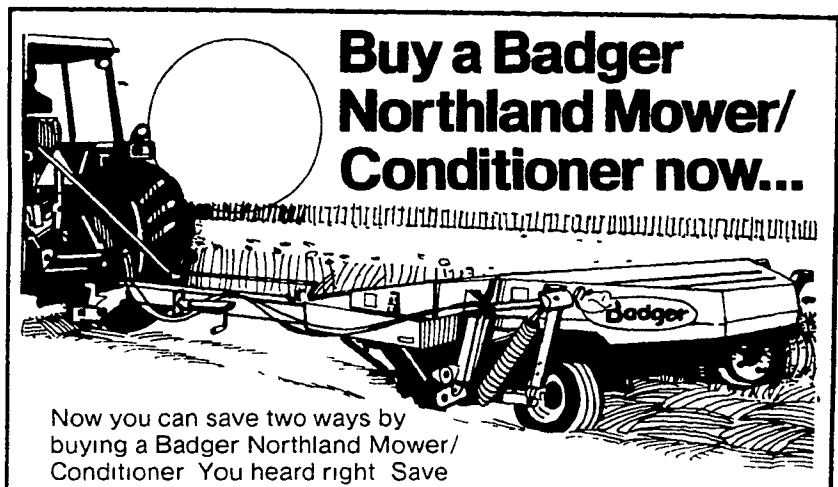

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Now you can save two ways by buying a Badger Northland Mower/ Conditioner You heard right Save all your valuable forage crop and save money too!

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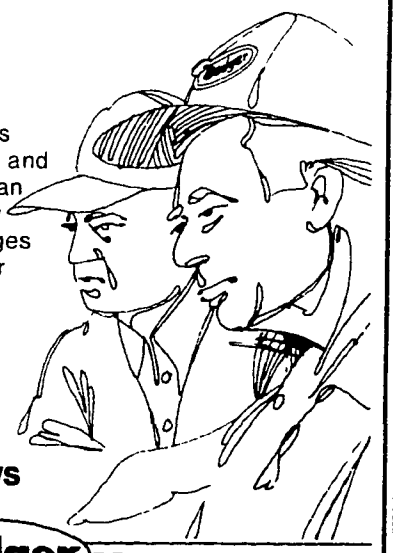

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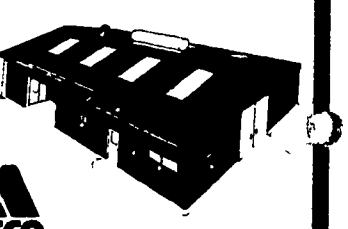

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Clay 3500 BPH Cleaner w/Platform, Bypass, Screens	4,160	3,300
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5990 Bu. Grain Bin	4,045	2,860
1742 Bu. Hopper Bin	3,560	2,300

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York Co. DHIA

(Continued from Page D18)

Goldie	3	5-0	305	19,390	4 2	807
Ivan	3	5-7	305	15,969	3 7	583
3	3	4-7	279	14,984	3.5	531
Et 14	3	2-5	305	14,059	4.0	567
Olive	3	2-7	305	16,200	3.1	500
Et 18	3	2-6	305	16,682	3.2	535
Fawn Valley Farm						
Lorna	3	6-6	305	20,154	4 2	837
Kizzie	3	3-4	305	15,088	4.1	612
William H Fantom						
Dawn	3	7-5	305	16,917	3.7	623
38	3	7-0	305	17,471	3.5	609
Ellis Crowl						
W 27	3	7-6	288	14,260	3 6	513
W 15	3	7-11	305	16,068	3 4	540
B 93	3	3-9	305	15,904	3 3	520
28	3	2-3	305	15,593	3 4	532
10	3	2-3	305	16,587	3 5	587
27	3	2-4	305	13,840	4.0	560
33	3	2-2	305	15,913	3 3	525
Sinking Spring Fm Inc						
Winona	3	3-7	305	19,960	3 6	720
Tina	3	3-3	305	18,514	4.1	759
Marion	3	2-7	305	15,900	3 8	604
Beshore Farms						
Fesa	3	6-3	305	19,031	3.9	745
Lucy	3	3-7	305	16,274	3.9	641
Noreen	3	2-7	290	15,855	3.8	604
Gum Tree Farm						
Zinnia,	3	5-7	305	15,065	3.5	528
Bambi	3	3-9	233	14,500	3.9	567
Albert Dehoff						
145	3	5-8	279	13,929	4.0	551
167	3	5-6	305	18,126	3.7	668
178	3	4-9	249	13,000	3 9	508
258	3	3-1	305	15,699	3.4	531
269	3	2-8	305	13,946	4 1	570
266	3	2-11	272	14,347	3 6	514
299	3	1-10	305	15,534	3 3	505
Elwood T Krick						
Shorty	3	3-6	305	14,151	3.8	534
The J E. Baker Co						
8	3	3-0	305	18,077	3 7	661
Fred Sprenkle						
Luna	3	5-7	251	14,757	3 6	535
Earl Fuhrman						
Nola	3	9-6	305	20,805	3 7	760
Supreme	3	6-6	305	19,145	4 1	791
Bess	3	6-4	305	17,376	3 5	604
Maple	3	3-1	305	19,358	3 6	692
Mystie	3	2-8	305	13,854	4 1	572
Lulu	3	2-8	305	13,282	4 3	577
Leader Farms						
Charity	2	6-3	305	14,771	4 5	658
Rosetta	2	5-11	269	10,368	5 2	535
Julia	2	4-10	305	12,739	5 1	650
Celeste	2	4-2	305	12,770	5 6	710
Annette	2	3-6	305	16,549	4 6	761
Vincent C Webb						
91	3	11-2	305	15,294	3 4	521
191	3	6-4	305	18,563	2 9	539
Furnace Creek Farm						
Alberta	3	4-4	305	16,993	3 2	544
Royal	3	3-7	305	17,048	3 5	591
Jerice	3	3-4	305	11,982	4 2	501
Fudge	3	2-5	305	14,103	3.6	506
H E Fetrow & Sons						
Jean	3	7-8	305	20,632	3 3	691
Diane	3	4-9	305	20,192	3.6	727
Nan	3	4-7	305	22,191	3.6	790
Marie	3	3-2	305	19,019	3 4	641
Liza	3	2-1	305	14,711	4 3	631
Stump Acres						
Janis	3	6-5	305	18,921	3 9	733
Honey	3	4 0	303	13,769	3 6	501
Jetpet	3	2 0	305	14,190	3 7	529
Doe	3	1-11	305	13,717	4 7	641
J H & M B Hushon						
54	3	6-6	279	13,736	4 0	556
131 H	3	4-5	305	16,510	3 9	645
Adrian Rinehart						
220	3	2-5	305	13,076	3 8	500
Smysers Richlawn Fms						
Jo	3	4-1	305	19,094	3 9	748
Joy	3	2-2	305	22,956	3 5	800
Kitty	3	2-2	277	17,320	3 5	602
T. Edwin Johnson						
Thank	3	4-6	305	18,542	4 1	755
Dream	3	3-5	305	20,499	3.6	741
Sheri	3	3-1	305	18,274	3.4	620
Jest	3	2-4	305	18,871	3.4	635
Leroy Bupp						
Eliza	3	3-5	305	17,821	3.8	675
Dennis L McWilliams						
40	3	4-9	305	15,320	3 6	548
7	3	3-1	305	17,844	3 5	624
Palmer McWilliams, Jr						
19	3	7-1	265	13,387	4 7	630
Dennis J. Myers						
Molly	3	7-11	305	18,847	3 4	649
53	3	3-10	305	15,000	3 6	538
67	3	2-2	305	15,614	3.7	581
Titus & Merle Walker						
6415	3	5-9	300	16,211	4 5	727
4745	3	3-7	304	18,043	3.7	663
9978	3	2-11	305	17,531	3 6	636
9996	3	2-6	305	16,110	3 8	606
9998	3	2-5	300	16,991	3 4	571
C. Robert Kilgore						
Prilly	3	3-5	304	15,813	3 5	559
Avalong Farms Inc						
Stamae	3	1-11	305	19,117	4 0	768
Avalong Farms Inc.						
Heather	2	8-6	305	13,809	4.7	643
Hailo	2	5-1	305	10,084	5 2	522
Philip R. Stambaugh						
Cindy	3	7-2	305	14,695	3 4	505
Petunia	3	4-1	305	17,328	3 8	666
Paul R King						
Lightni	3	3-6	298	15,307	4 3	659
Carmel	3	3-7	305	17,837	3 2	578
Pebbles	3	2-4	305	15,071	3 9	581
Twinkle	3	2-6	277	13,315	4 3	577
Wayne B Mummert						
21	3	5-4	285	15,952	4 1	661
33	3	4-5	294	15,630	3 6	568
1	3	2-0	305	19,212	3 3	642
15	3	2 0	305	15,389	3 8	582
38	3	1-11	305	15,835	3 8	608
Desota & Robt Burchett						
25 CW	3	7-10	305	14,205	3 8	546
109	3	5-7	305	18,065	3 3	596
Dale & Darla Doll						
Donut	3	3-9	305	16,530	3 3	538
D Fantom & E Gordon						
Bonng	3	8-8	305	12,876	4 0	519
Lynn Wolf						
Flo	3	5-3	292	18,854	3 4	632
Idle	3	2-0	300	16,898	3 6	603
Ida	3	1-11	293	14,288	3 9	562
Melvin R Lehr						
32	3	2-0	298	16,505	3 8	620
95 A	3	3-4	305	16,731	3 6	605
14A	3	2-3	305	14,468	3.9	571
Carl Anderson						
32	3	11-2	305	14,043	3 7	514
11	3	5-3	272	14,650	3 5	517
23	3	5-6	287	17,779	3 2	572
Elvin R Deiter						
Nancy	3	5-1	305	19,281	3.1	602
Oriole	3	3-10	297	14,785	3.7	547
Poppy	3	3-2	305	16,632	3.5	582
John H. Doll Jr.						
Lillie	3	2-11	296	15,926	3.3	533
Charles Herr						
Gertie	3	3-1	305	15,653	3.3	512
Fern	3	2-5	305	12,812	4.1	524
Little Creek Fms Inc.						
106	3	4-10	305	13,737	3 8	516
258	3	2-10	305	15,583	3.5	549
Wayne L Sweitzer						
10JJ	3	7-1	305	18,020	3 9	707
Mom	3	10-9	305	14,769	3.6	539
Kenneth L. Rexroth						
51	3	6-11	305	13,902	3.7	508
Richard E. Stough						
Spunky	3	4-7	305	20,149	3 4	685
Ginger	3	3-2	305	17,240	3 3	572
Rick L. Cook						
Pam	3	6-5	305	14,552	3 5	504
Elva	3	5-9	305	20,386	3 6	741
J Donnell Taylor						
Trudy	3	7-1	305	17,454	3 3	571
Funface	3	5-1	305	18,468	3 1	565
Boots	3	3-11	305	16,555	3.8	635
Ray	3	4-0	305	16,864	3.4	572
Rudy	3	4-1	280	14,497	3.9	562
Betty	3	3-4	305	14,536	4.4	640
Patty	3	3-1	305	12,411	4 1	504
Sally	3	3-2	305	13,693	3.9	538
Apple	3	1-11	305	14,256	3.9	549
Bonnie	3	0-0	305	16,160	3.3	535
Penny	3	1-10	305	15,543	3.3	514
Louise	3	1-9	305	12,796	4.1	525
Bupplynn Farms Farm 2						
18	3	5-6	305	17,938	3.4	618
Elvin G Molison						
80	3	7-0	305	19,666	3 2	636
64	3	5-3	305	20,906	3.7	771
17	3	5-1	305	21,576	3.6	777
1	3	2-9	305	19,119	3.6	691
John D Adams						
65	3	4-2	305	18,142	3 0	553
96	3	5-2	305	13,870	3.8	523
Smokey Hollow Farm						
57	3	3-8	305	16,225	3 8	612
Honeycrest Fm						
Kristin	2	8-0	272	16,108	3 6	585
Tesma	2	4-3	305	15,119	4 1	619
435	2	3-1	305	14,810	4 8	711
Opie	2	2-7	305	10,331	5 5	568
Leonard W. Greek						
Althea	3	4-10	305	23,795	3 3	787
Lolli	3	2-10	305	15,881	4.4	695
Stacy	3	2-5	305	13,949	3.9	538
Gary W Thoman						
11	3	5-6	284	14,866	3 8	563
Lavern & Judith Hess						
13	3	3-11	305	16,743	3 0	501
Edwin L. Calhoun						
Bandit	3	5-6	305	16,632	3 4	559
14	3	3-5	305	18,535	3 6	668

(Turn to Page D20)

N.O.W. Accounts

1. A deposit of $200.00 or more is required to open an account, other than a qualifying Direct Deposit account.
2. The interest rate is 5¼% per annum.
3. A charge of $3.00 will be assessed for the statement period, unless: (a) a minimum balance of $200.00 is maintained; or (b) the holder of the account has a qualifying Direct Deposit account for his Social Security check or other qualifying check. Such charges will appear on the statement for the period during which the charges are incurred and will be charged to the account in that statement period.
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100 E. Main St.
New Holland
Phone 354-4427

335 Fifth St., Quarryville
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519 A Leaman Ave.
Millersville
Phone 872-4665

61 East Towne Mall, Lancaster Phone 393-0488

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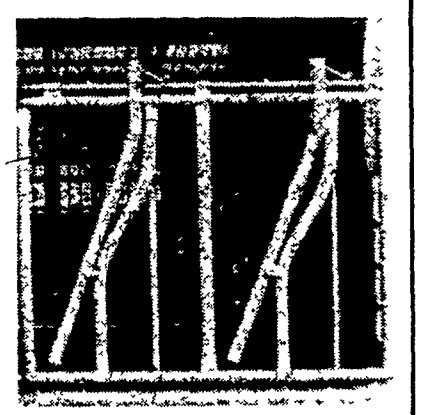

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Egg producer groups must register to vote

NEW YORK, N.Y. — All egg producer groups wanting to nominate members to the American Egg Board must request that the U.S. Department of Agriculture certify or recertify them by June 1, a USDA official said.

Thomas H. Porter, an official with USDA's Agricultural Marketing Service, said producer groups that were certified before June 1 of last year should apply to be certified again so they will be eligible to nominate members and alternates.

The 18-member egg board administers an egg research and promotion program, authorized by the Egg Research and Consumer Information Act. Two-year terms for nine current board members and their alternates will expire at the end of 1981.

Organizations previously certified will receive additional information by mail from USDA.

Organizations that have never been certified should request an application and information on eligibility from David Spalding, Agricultural Marketing Service, RM. 2610-S, USDA, Washington, D.C. 20250; telephone 202/447-2068.

York Co. DHIA

(Continued from Page D19)

Eugene B Taylor						
Mary	3	5 5	303	14,980	3 5	550
Jackie	3	9-5	282	14,041	3 9	543
Jessie	3	4-6	295	15,016	3 5	533
David L & Chris Druck						
32	3	2 6	305	13,759	3 8	521
45	3	3 7	305	15,688	3 6	563
Albert Neufeld						
70	3	4 7	293	15,671	3 6	570
111	3	3-7	305	19,000	3 7	703
Robt Baumgardner Jr						
31	3	5-7	305	15,113	3.5	529
42	3	6-8	283	12,725	4 2	529
Big T Holsteins						
Champ	3	3 11	305	18,483	3 3	605
46	3	4-2	305	17,590	3 5	624
Yvette	3	5-9	295	16,369	3 5	579
Ella	3	7-4	305	16,153	3 3	525
Marie	3	3 2	305	20,318	3 5	716
Jacob Brubaker						
43	3	6 1	305	15,651	3 3	515
Charles Hess						
19	3	6 4	305	15,331	3 3	500
Walkers Farm						
29	3	4-7	305	17,802	3 1	543
109	3	5 2	282	15,447	3 7	565
Leland Stanford						
142	3	9 10	237	15,609	3 5	553
Perrydell Farms						
15	3	2-7	305	16,351	3 1	505
24	3	3-7	305	21,880	3 1	682
67	3	3-10	221	16,419	3 4	561
108	3	5-8	282	14,663	3 5	507
133	3	11-7	305	25,382	3 1	799
153	3	5-7	305	17,029	3 5	600
176	3	2-7	305	17,673	3 0	524
William S Buser						
17	3	2-11	305	14,590	3 8	558
116	3	3-7	305	16,514	3 3	543
48	3	4-7	305	18,640	3 1	586
46	3	5-7	305	17,056	3 4	576
Fawn Meadow Holstein						
15	3	5-10	305	20,805	3 2	666
22	3	4-9	302	17,636	3 3	585
34	3	4-5	305	16,249	3 5	567
122	3	2-6	305	12,317	4.6	572
Dale Clymer						
Bossy	3	7-7	281	13,341	4.1	544
Rickie	3	5-6	305	15,252	3.9	596
Nellie	3	5 8	305	15,834	3.8	604
Beauty	3	5-3	305	16,916	3.4	575
McRal Dairy Farm						
362	3	6-8	305	22,286	2 9	646
406	3	4-9	305	20,451	3 0	614
430	3	3 11	305	18,637	3 9	736
431	3	4-9	305	17,525	3 2	556
463	3	3-6	305	18,392	4 4	809
468	3	3-2	305	19,693	4 1	806
469	3	3-2	305	20,805	3 2	666
474	3	2-10	305	17,555	3 9	691
124	3	2-3	295	18,866	3 3	615
130	3	2-5	305	15,349	4 0	617
William Ruppert						
Brownie	5	8-11	279	13,013	4 5	590
Joy	3	5 2	283	16,255	3,8	613
Eisenhart Bros						
213	8	5-11	274	11,719	4 3	507
217	3	5-9	305	16,302	3 6	586
242	3	4-7	304	14,804	4 1	607
243	3	4-8	286	18,505	3 4	623
273	3	2-9	305	13,419	3 9	521
Wayne E Myers						
Faith	3	6-6	305	21,771	3 6	793

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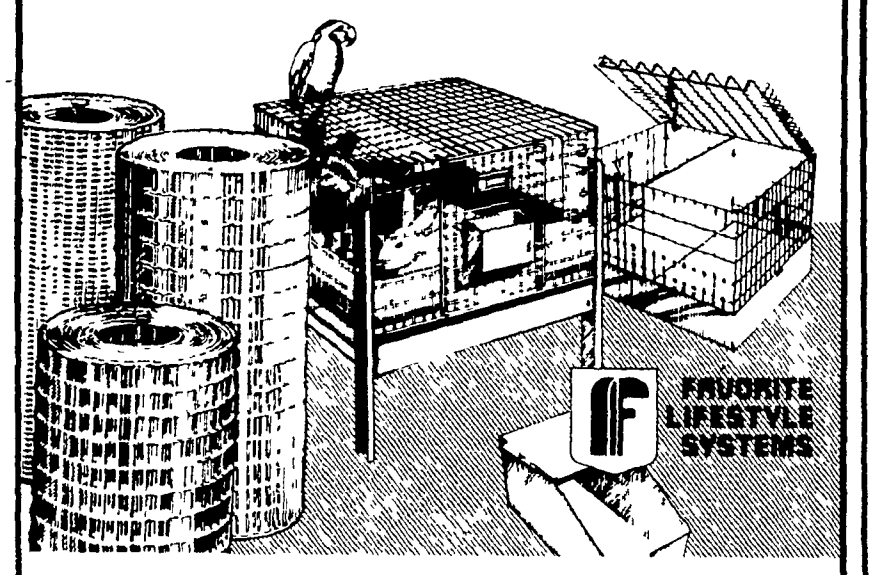

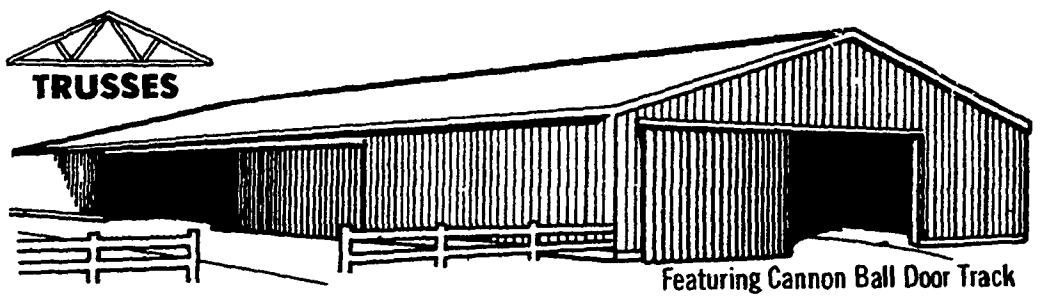

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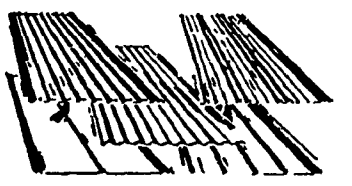

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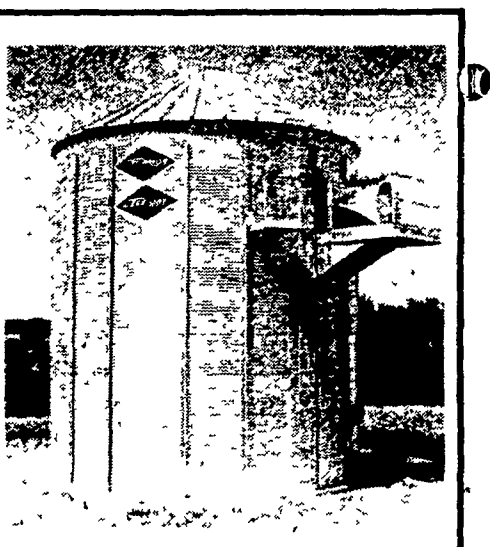

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TRUCK TRACTORS, ALUM. DUMP TRAILERS, BULK FEED TRAILER, BEAN TRAILERS, SHOP EQUIPMENT & REAL ESTATE*
WEDNESDAY, JUNE 3
9:30 A.M.
ELMER, N.J. (WEST OF VINELAND)
EVERYTHING SELLS TO THE HIGHEST BIDDER

NOTICE: After 48 years of operation, Strang Transportation has decided to close its Elmer Terminal and is selling it out completely. Everything in this sale belongs to Strang Transportation.

LOCATION: The Sale will be held at Strange's Elmer, N.J. shop facility on Center St. in Elmer, N.J., just west of Vineland on Rt. 40.

20 TRUCK TRACTORS
78 IHC F2575 Conv. T/A Truck Tractor, Detroit 6V92T engine, RT9509, 8 spd. trans., wet line, A/C, P/S, very good; 77 White Road Boss 2 Conv. T/A Truck Tractor, Cummins 290 engine, RT9509, 8 spd. trans., wet line, alum. tanks, very good; (2) 75 White Road Boss Conv. T/A Truck Tractors, Detroit 8V71 engines, RT0915, 15 spd. trans., wet lines, velvet rides, good; 74 White Road Boss Conv. T/A Truck Tractor, Cummins 270 engine, Spicer SST-6, 6 spd. trans., wet line, good; 76 Brockway 761 Conv. T/A Truck Tractor, Detroit 8V71 engine, RT910, 10 spd. trans., wet line, very good; (2) 74 Brockway 761 Conv. T/A Truck Tractors, Detroit 671 engines, RT910, 10 spd. trans., (1 w/wet line), good; (2) 72 GMC 9500 Conv. T/A Truck Tractors, Detroit 671 engines, RT910, 10 spd. trans., wet lines, good; 71 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; 70 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; 69 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; (2) 68 GMC 9500 Conv. T/A Truck Tractors, Detroit 671 engines, 5 & 3 trans., wet lines, good; 65 GMC DFW COE T/A Truck Tractor, Detroit 671 engine, Eaton 15 spd. trans., sleeper cab, P/S, fair; 67 IHC Tag Axle Truck Tractor, 6 cyl., 5 & 2 trans.; 63 IHC S/A Truck Tractor, V-8, 5 & 2 trans., 59 IHC S/A Truck Tractor, 6 cyl., 5 & 2 trans.; 51 GMC Military T/A Cab & Chassis, fair.

DUMP TRAILERS
77 White 28' T/A Alum. Dump Trailer, 5' sides, good; (2) 74 White 28' T/A Alum. Dump Trailers, 5' sides, good; 74 White 26' T/A Alum. Dump Trailer, 5' sides, good; 70 White 26' T/A Alum. Trailer, 5' sides, good; 65 Hill 28' T/A Alum. Dump Trailer, 5' sides; 63 White 26' Steel T/A Dump Trailer, 5' sides, good.

BEAN, BULK & OPEN TOP TRAILERS
73 White 40' Self Unloading (Bean) Trailer, 5½' wire sides, 20" wide belt, good; (2) 68 White 40' Self Unloading (Bean) Trailers, 5½' wire sides, 20" wide belts, good; 61 & 62 Transco 37' Self Unloading (Bean) Trailers, 5½' wire sides, 20" wide belts, good; 59 Sprout Waldron 28' Alum. Bulk Feed T/A Trailer, blower, belt, 4 cyl. gas, good; 66 Trailmobile 38' Open Top T/A Trailer, fair; 61 Fruehauf 40' Open Top T/A Trailer, fair.

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Terms of Sale - Cash or good check.

Owners,
BARBICHE BROS. CONSTRUCTION INC.
Auctioneer-Joe Dobozynski
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SAT., MAY 30, 1981
AT 10:00 A.M.
Located midway between Hahnstown and Neighborville. Just off of Hahnstown Road. 1½ mile East of Hahnstown. Brecknock Twp., Lancaster Co., Penna.

HOUSEHOLD GOODS
3-Piece Waterfall Bedroom Suite; General Electric Refrigerator 17 Cu. Ft.; Chest of Drawers; Buffet; Curved Glass China Cupboard; Extension Table; Kenmore Sewing Machine Treadle or Electric; Speed Queen Washing Machine; Cedar Chest; Prizer Kitchen Range; 1 Room Hetrola; Iron Bed; Couch; Bench; Platform Rocker with Magazine Rack; 6 Kitchen Chairs; 1 Cane Seated Chair; 3 Rocking Chairs; Childs Chair; Childs Rocker; Antique High Chair; Folding Chairs; Step Stool; 8 Day Mantle Clock with Carved Indian Head; Chime Clock; Night Stand; Clothe Tree; Card Table; Old Kitchen Cabinet; Old Jelly Cupboard; Hamper; 2 Kerosene Lanterns; Electric Lamps; Small Chest; Ironing Board; Wash Boiler; Galvanized Square Tub; Mirrors; Comforts; Old Covers; Laundry Basket; Old Sewing Basket; Threads; Buttons; Clothespins; Humidifier; Fan; Dolls; Doll Crib; Toys; Lots of Throw Rugs; Other Rugs.

SILVER DOLLARS & COINS
6 Silver Dollars, 3 Dated 1900, 1889, 1925, 1922; 7 Half Dollars, 3 Dated 1934, 1942, 1943, 1944; 200 or More Silver Quarters; Mercury Dimes; Buffalo Nickels; Few Indian Heads and other Pennies.

LOTS OF DISHES
Electric Mixer; Blender; Carnival Dish; Bicentennial Plate; Meat Grinder; Slaw Cutter; Jelly Glasses; Tumblers; Fish Bowl; Old Ice Cream Dipper; Scrapple Pans; Roast Pans; Cup Cake Pans; Old Jars, Some Dates; Canner; Gallon Crocks; Waffle Iron; Old Iron with Handle; Green Dishes; Sugar and Creamer; Many More Dishes and Cooking Utensils.

TOOLS
Roto-Tiller; Push Cultivator; Old 1 Gal. Milk Can; 1 Large Milk Can; Shoe Last on Stand; Motor and Pump Heavy Duty ½; Brush Cutter; Tree Trimmer; Corn Cutter; Single Trees; Digging Iron; Forks; Shovels; Hoes; Tool Box; Hatchet; Baskets and Bu. Baskets; Air Pump; Grease Pump; 4 Galvanized Wash Posts; Garbage Cans; Bicycle; Express Wagon; Mailbox; Broom; Hoses; Bucket; Old Door; Old Butcher Fork; Knives and Scrapers. And many more items not mentioned.

NOTE — Coins to be sold at 12:30.

TERMS BY:
PAUL Z. SHIRK

AUCTIONEERS:
PAUL W. HORST AND
LEROY S. HORST
CLERKS: HORST AND SHIRK

Refreshments Will Be Served
Not Responsible for Accidents
If Any Should Occur

Farmers found to have worse lungs than coal miners

LITITZ — A recent health survey indicates that agricultural workers have a higher incidence of respiratory illness than any other occupation including coal miners, according to Del Sandfort of the Institute of Rural Environmental Health at Colorado State University.

"Nearly one-third of agricultural workers have respiratory problems," said Sandfort.

However, Pete Knapp, an agricultural engineer at the University of Iowa Institute of Agricultural Medicine, estimates that more than half of all agriculture workers may be affected. One of the problems is that many farmers don't know exactly what is bothering them.

Elmer Johannsen, a retired farmer from Northwest Iowa, thinks his chronic asthmatic condition may be genetic, since his father and brother, both farmers, suffer from the same symptoms.

Johannsen's second son, who took over the family farm, is now beginning to have breathing problems. Johannsen now spends his winters in Arizona where he can breathe more easily. His brother is in a hospital in Phoenix recovering from an acute asthma attack.

The causes vary, according to Sandfort; gases and vapor from chemicals and manure damage the lungs and can create permanent damage which impairs breathing. A condition known as farmers' lung is attributed to exposure to grain dust and/or moldy feed products, contaminating the lungs with particles of grain, silica, mold, and other aerosols.

Johannsen's wife explained her husband first started having difficulty breathing while working around the hogs, and that on dusty days, even the hogs would start coughing and some would get pneumonia.

"First, we got rid of the hogs," she said, "then the cattle, then Elmer got an air conditioned cab for his tractor so that he wouldn't be breathing the dust in the fields, and he rarely went into the grain storage bin."

Johannsen now has difficulty being around Kent, his oldest son who manages a hog confinement operation where hundreds of swine are raised under one roof.

Workers in such areas are known to be especially prone to respiratory problems. Kent is not; but Johannsen cannot breathe in his son's house nor can he be around his son when Kent is wearing work clothes.

"His lungs begin to clog," says Johannsen's wife, "his bronchial tubes close and his heart pounds."

Dr. Kelley Donham of the University of Iowa College of Agricultural Medicine, recently surveyed 2000 workers in hog confinement areas, and found that 73 percent of them had respiratory problems, including coughing, wheezing and tightness of the chest. For some it was so bad they had to leave their jobs.

Respirators do not always stop the symptoms in the hog barns, according to Donham But they are known to

(Turn to Page D22)

CONSIGNMENT AUCTION
MONDAY, JUNE 8, 1981
9:30 A.M.
★ Usual Run of Tractors, Machinery and Construction
★ Hay Tools are In Season

WE ACCEPT CONSIGNMENTS ANYTIME

Tractors sell at approximately 2:30 followed by construction

WENGER'S FARM MACHINERY, INC.
S. Race Street, Myerstown, PA 17067
717-866-2135

PUBLIC SALE
Many Antiques
House Furnishings
SATURDAY, MAY 30
Starting at 10:00 A.M.
The undersigned will sell at Public Sale on the premises in the Borough, at 521 Chestnut Street, Mt. Holly Springs, PA the following:

ANTIQUES
Very nice Lyric Appola, buck water, Rodgerford, PA brown enamel range stove, with water tank and warming closet, nickle trim, four drawer panel end bureau, blanket chest w/dovetail, two soft wood jelly cupboards, one w/nice original oak grain paint, oak dry sink w/cupboard top, nice oak drop lid writing desk, unusual kitchen cabinet, oak drop leaf ext. table w/bds., oak dresser, four press back chairs, one drawer nite stand, treadle sewing machine, four rocking chairs, sewing bench, oak buffet, coffee mill, cane seat chairs, Regulator clock, oak case factory clock, unusual signed royal backing powder barrel, wooden stool, nice school house bell w/bracket, wall mirror, console radio, picture frames, 75 victrola records, tinware, opalescent glass, nice 5 pc. water set, 40 press glass gold band goblets, tumblers, table tea seat, etc.; some w/invert press coin, milk glass, baskets, nice rayo lamp w/shade, small blue glass oil lamp, cowden 5 gal. crock, cowden 3 gal. jug, silver flatware, lot more antiques unable to list due to congestion.

MODERN
7 pc. chrome breakfast set, base cupboard, chrome kitchen stool, chaise lounge, flower stands, nice portable Smith Corona typewriter, two Simmons beds w/flat springs & mattresses, end tables, twin rinse tubs, cookware, dishes, articles not mentioned.

NOT RESPONSIBLE FOR ACCIDENTS
NO INSPECTION TILL DAY OF SALE
TERMS: CASH OR APPROVED CHECK.

ELIZABETH F. GITT,
Owner
Clair R. Slaybaugh, Auctioneer
Phone 677-7479

Farmers' lung

(Continued from Page D21)

help in grain storage areaas where there are no government regulations requiring ventilation.

Knapp, who works with Donham, says he plans to alert agricultural engineers at state universities around the country of the need for better ventilation systems in hog confinement buildings.

The high rate of worker discomfort in the hog barns may draw attention to the larger problem of mold and dust in the lungs of agricultural workers, according to Knapp.

Margo Rosenkranz of the Workplace Health in Agriculture Program, stated, "Farmers' respiratory problems are often diagnosed as bronchitis. The doctor needs to know about grain dust and other respiratory hazards or the farmer's condition can just keep getting worse, possibly ending with emphysema."

Dr. Irving Cast, at the Nebraska Institute of Medicine, is puzzled by the alleged lack of information about farmers' lung.

"We've known about the condition for 400 or 500 years," said Cast. "Most grains can cause it, even peanut dust." A test was developed seven years ago, according to Cast, to identify antigens in the blood, which the body would manufacture if mold spores were present in the lungs.

A series of injections of allergic serum is prescribed in treatment.

Rollins Schnieder, agricultural health and safety expert for the University of Nebraska, insists that there is a problem. "You'd be surprised at the lack of information in this area," says Schnieder.

"It is hard to pinpoint lung damage, and we have a hard time getting our doctors to pinpoint it as farmers' lung. There are very few doctors in our area who specialize in respiratory problems."

"I've seen X-rays of farmer's lungs," said Schnieder. "The lungs are often coated and some even have mold spores growing in the lesions of the scar tissue." Schnieder is a former advisor to the Occupational Safety and Health Adminstration, and has been working with the National and Nebraska Lung Associations to alert farmers and doctors to the possibility that the high incidence of lung problems among farmers could be attributable to infection or allergy reactions caused by grain dust contaminants.

PA'S 5TH PERFORMANCE TESTED RAM SALE

SATURDAY, JUNE 6, 1981

2:00 P.M AT

PA DEPT. OF AGRICULTURE'S MEAT ANIMAL EVALUATION CENTER

651 Fox Hollow Road

State College, PA 16801

RAMS ON TEST INCLUDE:

6 - Corriedale
1 - Hampshire
1 - Columbia
8 - Dorsets
3 - Shropshire
1 - Southdown
23-Suffolk

Rams will be Scanned For Fat Thickness and Loin Eye Area

AVG DAILY GAIN FOR 43 RAMS IN 91 LB./DAY AFTER 70 DAYS ON TEST

Approximately 30 Rams WILL SELL

FOR INFORMATION CONTACT BOB KIMBLE AT (814) 238)-2527

CATALOGS AVAILABLE UPON REQUEST

SPONSORED BY
PENNSYLVANIA DEPARTMENT OF AGRICULTURE
In Cooperation with
Pennsylvania State University
Pennsylvania Sheep & Wood Growers Association

AUTOTORE'S AUCTION

SATURDAY, MAY 30

starting at 10 A.M.

Loc. - Avenue D & 9th Streets Riverside, Danville, off Sunbury Road (Follow auction signs).

Doctor & Mrs. Klinger are relocating and selling the following.

Seth Thomas (regulator) figure 8 type calendar clock, German hanging clock, EDISON STANDARD PHONOGRAPH CYLINDER, app. 30 cylinders, EXTRA M.G. HORN, OAK WALL TELEPHONE, 5 leg ext. oak table, oak ext. table, old adv. posters, 78 RPM records, Northumberland History, butler chest of drawers, 2 tilt top tables, silk paintings, wedding band quilt, Religious quilt w/old and new Testaments, bamboo chest, cedar chest, Duncan Phyfe stacked tables, coffee table w/round glass top, rattan chairs, card table & chairs, Pecan dining room - 8 pcs. octagon table, 4 pc. walnut Basset bedroom suite, 3 pt. walnut bedroom suite, Poridre Vanity, 3 walnut chest of drawers, day couch, New Detecto floor scale, chaises, picture frames, humidifer & dehumidifier, Zenith stereo w/AM & FM, Zenith 19" color TV, portable color TV, 2 B&W portable TV's, metal wardrobes, end stands, white vinyl sofa, Chinese linen, A & N table spread, silver plate pcs., sterling candle holders, copper tea kettle, cut glass pcs., cut glass bowl, etched glasses w/ruby base, butter dish, R.S. German dish, Austrian salters, Indian brass, Imara dishes, service of 12 Haviland China, Haviland pcs., French dishes, 35mm Exakta w/extra close-up lens, Wild Mink Coat, 16 gauge Remington shotgun, German pearl handle 32 hand gun, lamps, brass lamps, blankets, cooking utensils, sml. elec. appliances, G.E. Ref., Gibson upright freezer, Toro mower w/60" cut, Billy Goat shreader, lawn edger, 4' Scott spreader, Sears gas 2 burner portable grill, power lawn mower, plus many-many unlisted items.

Terms-CASH.

Sellers,
DOCTOR & MRS. KLINGER

Auctioneers-John Autotore 784-3506
John Jr. 784-0381

Sale Under Tent

PUBLIC AUCTION

ANTIQUES, HOUSEHOLD, COLLECTIBLES, TOOLS, ETC.

SAT., MAY 30TH

10:00 A.M.

Located on Rt. 220 half-way between Dushore and New Albany, Pa. (Laddsburg). Complete dispersal of Harry Sharp Est., Mrs. Marie Hamilton, Admtr.

Partial listing: Frigidaire Reg-freezer; Sears 15 ft. upright freezer; hvy pine dining table, Sears washer; dryer; kitchen stools; sleeper sofa; hide-a-bed sofa; cherry end tables; recliner; Sears cabinet stereo, record; stack shelves; cherry bookcase; assorted lamps; oak occnl chair; benches; foot stools; assorted stands in oak; sewing baskets; Sears cabinet drop-head sewing machine w/bench; big oak "Morris" chair; blanket chests; maple bed, complete; nite-stand; roll-away bed; end-tables; metal wardrobe w/mirror; wood wardrobe; bedding; linens; fancywork; doilies; elec. blankets; all kinds of dishes; pots & pans, utensils, silver & stainless ware; elec. appliances; Rotisserie broiler; 24 cup coffee pot; roasters elec.; agate enamel ware in roasters, pots & pans; cast iron pans & griddle; Iron-stone dish set; glass and crockery pitchers; glasses; cups, stoneware; Tupperware; bowls and bean crocks; elec. crockpot; fry pans; blender; portable & table radios; canning jars; large platters; pedestal cake dishes; vases; cut and pressed glass; Ruby and green glass; vinegar cruets; plates of Norticake & Havaland china; pressed glass-footed fruit bowl; old & new recipe books; sprice racks; mirrors; clocks; cannister sets; toaster; salad maker; food chopper; antique glasses; hair-dryer; luggage; window fans; folding dressing screen; X-mas decorations; dehumidifier; Whirl-pool bath; lawn furniture; porch swing; Coleman's gas lantern (new); ice chest; kero heater; snowmobile suit (new); very good like new condition clothes; hunting suits, etc.; 8 gun cabinet with drawers and glass front; 32 spl & shot gun shells; hunting knives etc.; collection of J.F. Kennedy pictures & frames; antiques; jelly cupboard; old oak Victorian library table w/drawer; oak rockers; cherry platform rocker; organ stool with back and eagle claw bull feet; large hvy walnut round stand with eagle claw glass ball feet; cherry secy desk; cherry tobacco stand; high-back carved oval paneled walnut bed, (beautiful); walnut dressers; oak wash stands with towel racks; oak dressers some with bow fronts; oak high-boy chests; oak high-boy chest with yoke oval mirror; high-back thumb nail carved bed and dresser in oak; oak & cherry hall trees w/brass hooks; hi-back Dr. Medicine cabinet; old oak kitchen chairs; flat top trunks; pitcher & bowl set; English Royal china pitcher; old oak inlaid commode chair; wrought iron with brass trim single beds; "antiqued" set of high-boy & nite stands and dresser set; oval & tin picture frames & pics; glass-dome mantle clock; marble case mantle clock; Gilbert and Seth Thomas mantle clocks; deep well and other pictures & frames; wrought iron vanity bench; marble lamps; brass table lamp; Rayo Kero lamp; other kero lamps; brass bk ends; left string of brass sleigh bells; oak dropleaf table; Edison round-phono with records; old medicine btls; big collection of Avon btls; other old bottles; large collection of Jim Beam liquor bottles; copper funnel; old tin & agate milk cans; old crockery liquor jugs, (some signed); large cherry pitter; Ladies old beaded purses; shaving mug; collection of figurines; sad irons; ice tongs; pitcher pump; cyclone grass seeder; pipe threader; vises; elec. motors; hand tools, wrenches; sockets; boxes & boxes of nuts & bolts, etc.; garden tools, outdoor gas grill; hvy alum storm windows; alum. step and ext ladders; wood ext ladder; wheelbarrow; junk barrels, iron pipe, angle iron; cords of hard-wood; Heavy lawn-roller; Lawn mower; many more small collectibles and articles.

All articles in very good condition.

Terms: Cash or check w/I.D. Register.

Lunch Available. Bring chairs. Not responsible for any accidents.

Sold as property of
HARRY SHARP, Dec.'d
New Albany, R.D. Pa.

Warren Fiester, Auctioneer
Forksville, Pa.
924-3373

WISE'S COUNTRY AUCTION

SATURDAY EVE., MAY 23

7:00 P.M.

Located 4 miles south of Strasburg, PA at the White Oak Camp Ground.

EXTRA

WEDNESDAY NIGHT SALE - JUNE 3

7:00 P.M.

Super Fresh Groceries

Terms By, GEORGE H. WISE, JR.

Elvin Siegrist, Auctioneer

NOW ACCEPTING CONSIGNMENTS

We Offer Pick-up Service

717-687-7018 if no answer 786-4289

BROOKS END AND PAR-KAY FARM

SIXTIETH ANNUAL SUMMER SALE

FRIDAY, JUNE 19

1:00 P.M.

At the Farm • Beavertown, Pa.

IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire Sows.

260 head of SCOTCH & IRISH and other foreign bloodlines

• New Bloodlines on Each Sale

YORKSHIRE — LANDRACE

Born and raised on our farms from our parent imported stock.

100 ☆ BRED GILTS - most of which carry Scotch or Foreign Blood Litters.

50 ☆ YORKSHIRE - Many carry Scotch litters.

50 ☆ LANDRACE - All carry Scotch or Foreign Blood Litters.

50 ☆ BOARS

30 ☆ YORKSHIRE - New Scotch Bloodlines as well as Irish and American Bloodlines.

20 ☆ LANDRACE - All 100% SCOTCH, IRISH or other foreign blood.

100 ☆ Commercial Open Gilts - Mostly Irish & Scotch blood. Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stocks.

CERTIFIED BRUCELOSIS FREE & PSEUDORABIES FREE.
Health Charts Sale Day For Entry Into Any State.

1980 SETS NEW RECORDS
NEW FIRST PLACE
TEST STATION WINNERS

Our breeding wins at both Penna. and Delaware Test Stations. Richard Miller, York County was the Penna. winner with 4 boars sired by Alpine.

Leon Arnold, Lebanon County, was the Delaware Station winner. His boars were sired by Explorer. Each of these sires were purchased from Brooks End Farm. Feed conversion on the Alpine pigs was 2.4 Feed conversion on the Explorer pigs was 2.2. A perfect example of how it works for others when they buy tested stock from us.

Our Latest Big Winner -
1981 PA Farm Show
Reserved Landrace Bred Gilt

Owners:
RENO & PARK THOMAS & MARK STEHR

RENO	PARK	MARK
717-658-5821	717-658-6544	717-658-7007
717-658-7304	717-658-6702	

Catalogs Available
Mike Jones, La Grange, GA, Auctioneer

JOIN 4-H

Sale Reports

Real Estate Auction
FRIDAY EVENING, JUNE 19
7 p.m.

Located 2 miles south of Lancaster, PA along the New Danville Pike Rt. 324, formerly known as the Terre Hill Orchard Farm #1.

Very nice small farmette, with good buildings on 1.2 acres. Part 2 consists of 15 acres subdivided land which presently is in productive orchard bordering the Conestoga Creek. Inspection-June 6 and 13. Broker participation invited.

Details next week's paper.

Terms by,
FRANCIS G. and CLAUDIA H. MARTIN

Auctioneer-Carl Diller

ELMER SETHERS ESTATE AUCTION

Follow arrows from Rt. 54 just north of Hammondsport, NY, 12 miles north of Bath and 30 miles from Lawrenceville, PA (Tioga Co.)

FRIDAY, MAY 29
11 A.M.
Starting on lg. equipment
(no small tools)

Due to the sudden death of Mr. Sethers, selling 97 Interstate tested Holsteins (5 good colored cows); 55 cows and 10 bred heifers (about ½ fresh or due soon, balance year round freshening) 2 bulls. Remainder all age heifers. A good, typy, productive herd here!! 2 tractors; JD "402D" and good wfe "M" and all machinery including show-room new NH "278 hayliner" baler, Ford picker, AC chopper, JD haybine, "65" blower, 4 B plows, "112" chuck wagon, new Arts-Way s.u. wagon and more! Jamesway 25' silo unloader, Pipeline milker (300' of SS 2" pipe), 6 Surge mini cups, "Electro-Brain" washer, Alamo 100+ motor and pump. 2 complete Badger barn cleaners (275' and 225").

For more information or full listing contact -
Rumsey Sales
Bath, NY
607-776-3478

MRS. MIRIAN SETHERS, Executrix

61 Acre Farm Auction

(Absolute Sale)
SATURDAY, JUNE 6

Take Route 42 South from Catawissa for about one mile, go past Three Points Hotel and turn on Old Numidia Road for about two miles. (Seven miles south of Bloomsburg - exit 43 on I80).

61-Acre Farm - 38 acres farm ground, 23 acres woodland (excellent deer hunting); six room frame dwelling with three bedrooms on second floor; two rooms, kitchen and full bath on first floor. Cemented basement; drilled well; outbuildings; 36x36 bank barn with metal roof, corn crib, old two story log house, small root cellar. Real Estate will be sold at 1:00 P.M.

Other items to be auctioned include, Farm items, tools, building supplies, furniture and household items. Auction starts at 10:00 A.M. Sharp.

Terms of Sale - Cash or good check. Real Estate - $4,000 down on day of sale with balance in 30 days. Statements made on day of sale will take precedence over printed matter.

To view Real Estate call auctioneer at 799-5351 evenings for appointment.

LEWIS J. SERVOSE, ESTATE
Edward J. Servose, Executor
Michael Gregorowicz, Attorney

Hock's Auction Service
Donald E. Hock - 784-7849
George J. Henry - 799-5351

PUBLIC AUCTION
85 ACRE FARM;
HOUSEHOLD GOODS; ANTIQUES
FRIDAY, MAY 29, 1981
at 4 P.M.

Located between Schnecksville, New Tripoli; 1 mile east of Pleasant Corners, turn north off Rt. 309 onto Krause Road to the farm, Lehigh Co., Pa.

Real Estate- Approx. 85 acres mostly tillable for crop farming, to be offered in separate parcels or entirety, a large frame four bedroom house, barn, & outbuildings, fruit trees.

Terms: 10% day of auction, bal. by Aug. 1, 1981, for more details & inspection call Auction Co. (215) 395-8084.

Household Goods & Antiques- Appolo enamel gray kit. w. stove; refrigerator; freezer; Maytag auto washer; four burner elec. range; flat top desk; base cab.; 3 pc. LR suite; night stand; treadle sewing machine; dovetailed blanket chest; (6) arrow back chairs; sq. ext. table; oak high chest, washstands & dressers; (2) old porch benches; canning jars; 10½' x 20' Anglo Persian rug; Hopkins & Allen dbl. barrel 12 gauge gun; Stevens 32 cal. lever action Model 26 crack shot; block & tackle; 24' aluminum ext. ladder; J.D. #56 riding mower; 1500 lb. chestnut coal; 173 pcs. 10"x20" & 11"x22" slate; (11) walnut & oak planks 2"x12" to 10' long & other rough sawed lumber; approx. 10 ton wire tie mulch hay; McCullough chain saw.

Terms- Cash or Check day of auction
Refreshments served

Ordered by
MAURICE F. & CARRIE E. WEISS
Power of Attorney
Daniel Keener,
Russel Metzgar, Earl Bear

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
215-395-8084

PUBLIC AUCTION
COLLECTORS' CARS, ANTIQUES and FARM MACHINERY

The owner will offer the following at PUBLIC AUCTION on the premises located at 2309 WARFIELD DRIVE, ½ miles WEST of FOREST HILL via JARRETTSVILLE ROAD (Old Mt. Rte. #23) - 10 miles NORTH of I-95 via the BEL AIR EXIT #4 and Md. Rte. #24 — 19 miles SOUTHEAST of I-83 via the BEL AIR Exit #36 at Maryland Line - Md. Rte. #439 and Md. Rte. #23

on SATURDAY MAY 30, 1981
At 11:00 A.M. (EDST)

AUTOMOBILES: vehicles are either fully or partially restored 1976 CADILLAC; 1928 PACKARD; 1930 FORD; 1928 FORD; Two - 1955 T-BIRD'; Three - 1956 T-BIRDs; 1957 T-BIRD; 1957 T-BIRD - "E" Series - needs total restoration; 1954 FORD; 1954 VICTORIA; 1962 T-BIRD; 1955 CADILLAC.

ANTIQUES: Oak-Glass Showcase; Jelly Cupboard; Copper Apple Butter Kettle; Grandfather Clock - circa 1710; GRUEN "Packard Script" Pocket Watch; Gold Pocket Watch; One-cylinder hit-miss engines.

FARM MACHINERY: J-D Model 950 Tractor (D) - 72" Belly Mower - 3 pt. hitch; J-D 1530 Tractor (D); J-D 145 Bucket Loader; 7 ft. J-D 709 Rotary Mower; M-F 7 ft. Grader Blade; 7 ft. Disc - 3 pt. hitch; 2 Bottom Plow - 3 pt. hitch.

TERMS: CASH or APPROVED CHECK

All Cars, other items subject to prior sale. Reserves on most cars.

Not responsible for accidents on Day of Sale.

Lunch Provided. Items on display at 9:00 AM on Day of Sale

WARREN D. WOLBERT, Owner
2309 Warfield Drive
Forest Hill, Md. 21050
301-838-2892 or 301-879-1503

AUCTIONEERS
John H. O'Neill, Forest Hill, Md.
K. C. Travers, Aberdeen, Md.

A public sale of antiques and collectibles was held May 16 for Hazel and Paules Gibson, 12th and Line Streets, Sunbury.

Some prices received were: walnut Victorian marble top stand $200, ornate arm chair w/original tapestry $85, Jenny Lind bed $110, 2-drawer marble top spool bureau $200, oak washstands $50 & $160, early stand w/dove tailed gallery $135, brass student light $155, miniature Gone-With-Wind lamps $195 each, early butter tub and lid $560, pair brass butcher ladles $360, Enterprise Store coffee grinder $410, copper candy bucket $20, coverlets $160 & $530, kerosene peanut pattern lamp & globe $110, diamond & lace water set $250, copper apple kettle $240, Gaudy Welsh cup & saucer $25, Rockingham spitoons $25 each and Victorian rose carved ladies & gents chairs $170 each.

Dockey & Dockey, Auctioneers.

xxx

A public sale of household goods and guns was held May 16 by H. Spayd in Mechanic Grove, 3 miles south of Quarryville.

Items sold were: L.C. Smith 12 ga. double barrel gun $450, 2 Stevens double barrel guns $55 & $40, oak dining room suite $450, china closet (glass cracked) $400, kerosene lamps $35 to $55, cherry table $135 and Victorian sofa $230.

J. Everett Kreider & Steve Petersheim, Auctioneers.

xxx

A public sale of real estate was held May 16 by Hamilton Bank for William M. Wood, between Nine Points and Christiana on Noble Road, Lanc. Co.

The 3 acres and 145 perches with a 2 story frame dwelling and a 1½ story cement block dwelling stuccoed, storage shed and corn crib, cement garage and small barn were sold for $22,000.

Kershey A. Bradley was the auctioneer.

xxx

A public sale of real estate was held May 14 for the Laura M. Frey Estate in Craley, York Co.

Tract #2 - A lot in the village of Craley along route 624 with a 2½ story frame house was sold for $10,000.

Tract #3 - A Farm of approx. 41 acres east of Craley with 2 house was sold for $1800 per acre or $73,800.

Tract #4A & 4B - included 31.4344 acres and 28.2697 acres with a 2½ story frame house on each tract for $2125 per acre or $124,885.61.

Tract #5 - located along Hake Hollow Road and surveyed as 11.862 acres was sold for $1300 per acre or $15,420.60.

Jacob A. Gilbert was the auctioneer.

xxx

A public sale by the Shiloh Fire Co., 2190 Carlisle Rd., York, was held on May 15 with a good turnout of buyers.

Some prices were as follows: gas ranges from $200 to $350, deep fryers $40 to $160, coffee urns $40 to $80, cafeteria trays $1.50 each and crocks $15 to $20.

Auctioneer was Blaine N. Rentzel.

Public Sales Register
Closing Date - Monday, 5 00 P M of each week's publication

MAY

SAT MAY 23 - 11 00 A.M Blendtdale Farms Milking Herd and Bred Heifer Dispersal Located in Kent Co , DE 2 miles east of Rt 13 on Rt 51 (4 miles north of Smyrna, 6 miles south of Odessa, 1 mile south of the intersection of Rt 896 and 13). Turn east off Rt. 13, take Rt 51 and follow sale signs Carlton Blendt, Jr. Owner Remsburg Sale Service.

PUBLIC SALE
50 Acres 50 Acres

THURSDAY, JUNE 25, 1981

12:30 P.M.

Located at Steelville, Chester County, PA - 7 miles North of Oxford, 7 miles South of Georgetown. Take Rt. 896 to Bartville Road, go East 3 miles to Steelville Road, turn right on Bryson Road, go south.

50 Acre Dairy Farm

Improvements thereon consist of a 2½ story frame house with vinyl siding, a 38' x 120' bank dairy barn with 38 comfort stalls, 8 x 14 x 50 manure pit, all new, built in 1980, 14 x 60 concrete stave silo.

10% down day of sale, balance 90 days or negotiable.

(If transportation is needed to see Real Estate call 215-869-2506)

Terms By:
ISAAC B. & LYDIA ZOOK

Auctioneers
Steve Petersheim
215-869-2508
Everett Kreider
Attorney
Linda Kling

PUBLIC AUCTION
ANTIQUE CARS, PARTS
TUES., JUNE 9, 1981
at 4:30 P.M.

Five miles south of Allentown, two miles east of Shimerville along blacktop rd. to Vera Cruz, Lehigh Co. Pa.

Selling 20 antique & collector cars & parts Including: '41 Olds, '46 Chevy coupe, '48 Chevy, '48 Ford, '51 Kaiser, '56 Chrys. Imp., '56 Packard Clipper, '62 Chevy Imp. SS Conv., '69 T-Bird, '30 Chevy 1 ton trk., Model T engines, frames, radiator core, head lamps, springs, starter, gas tank, Model A Parts, (10) wheels & tires for 1933 & 1935 Ford; 1967-250cc Yamaha cycle; approx. (100) new 15" recap snow tires; Volkswagon for parts; two horse farm wagon; two horse sleigh running gear; wagon wheels; champ one row potato digger; (2) Kentucky rifles for parts; Swiss Army rifle; Iver Johnson 38 cal. & US pistol Co. .32 cal. pistols; holsters & gun related items; wooden shutters; sq. oak table; antique painted BR suite; bunk beds; peach & bu. baskets, berry crates & boxes; small sq. type vine press; trunks; milk cans; (2) three hole ice cream freezers; stone ware crocks, jugs.

NOTE: Nice ship wheel hallrack made from parts of 1800 era ships inc. Old Iron Sides. Few other household items.

Terms-- Cash or check, day of auction.
Refreshments served

Ordered by

LESLIE NONNEMACHER

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Public Sales Register

Closing Date - Monday, 5 00 P.M of each week's publication

SAT MAY 23 - 10 00 A M Public Sale of Farm Equipment, Located 7 miles north of Odessa, NY, or 3 miles south of Mecklenburg along Rt 228, about 12 miles southwest of Ithaca Arlo Havens Owner Blaine Rentzel and Arlow Kiehl Auc tioneers

SAT MAY 23 - 10 A M Construction Equipment Auction Beech St , Montrose, Pa , Susquehanna Co Montrose exit 67 off Interstate 81 Owners R T -Griffis & Sons, Inc Auctioneers Jim Adriance & Sons & Harvey Clary

SAT MAY 23 - 10 00 A M Public Sale of HG Crawler, Farm Equipment, and Antiques 3 miles north of Fogelsville, turn west off Rt 100 at Claussville in tersection onto blacktop toward Seipstown, Weisenberg Twp , Lehigh Co , PA Richard Bartholomew - owner Ralph W Zettlemoyer Auction Co , Inc

SAT MAY 23 - 10 00 A M Public Sale of Farm Machinery, Trucks, Antiques, and Household Goods George Willard Richardson Estate, 1000 Old Philadelphia Rd , MD Rt 7, ½ mile east of the intersection with Pulsaski Highway US Rt 40, between Perryman and Aberdeen, Harford Co , MD John H O'Neill and K C Travers Auctioneers

SAT MAY 23 - 9 30 A M Public Sale of Garage Equipment, Saw Sharpening Equipment, Aluminum Siding Equipment and Supplies, New Keiser Automobile Parts, Office Equipment, Floor Safe, Station Wagon, Pickup Truck and Antiques Located in the Town of Schuylkill Haven, 150 Columbia St , Schuylkill Co , PA Sale by E S Ketner Robert A Arner Auctioneer

SAT & MON MAY 23 & 25 - Public Sale of Antiques, Collectibles, Farm Equipment, Etc Located in N Lebanon Twp , Lebanon Co , PA at traffic light on Rt 422, between Lebanon and Myerstown, go north on Prescott Dr to Strack Dr , go east to Ruth Dr , then north to sale site Conditions by Franklin C Strack Weik and Buffenmyer Auctioneers

SAT MAY 23 - 1 00 P M Public Sale of Real Estate, Personal Items Household, Antiques and Collectibles Located in Monroe Twp , Juniata Co , approx 12 miles northwest of Millerstown, PA, 7 miles northwest of Liverpool, approx 5 miles north of the village of Seven Stars, next to Rhoads Nursery Hess and Moyer and Mervin W Adams Auctioneers

SAT MAY 23 - 2 00 P M Public Sale of Real Estate, Located in Seltzland From Glen Rock take Rt 616 south approx ½ mile to the village of Seltzland Ralph Brenneman and Nelson Arhren Auctioneers, Mrs Mable I Ehrhart Owner

SAT MAY 23 - 10 00 A M Public Sale of Construction Equipment, Located on Beech St , Montrose, PA Montrose is between Scranton, PA and Binghamton, NY Exit 67 off I-81 R T Griffis & Sons, Inc Owners Auctioneers Jim Adriance and Sons

SAT EVE MAY 23 7 P M Public Sale of 300 Head Livestock located at Plainfield, Pa next to Plainfield School or 5 miles West of Carlisle, Pa and 3 miles West of Cumberland Golf Course off Route 11 South Sale by Robert C Mullendore, Auctioneer for J R Zimmerman and L J Weston

SAT MAY 23 - 10 A M Sale of Farm Machinery, Contents of Small Hardware Store, Plumbing and Carpenter's Tools and Auto Located 1½ miles south of Kemblesville, PA and 5 miles north of Newark, DE on Rt 896 Catherine Davis, owner Harold S Hill & Son, Auctioneer

SAT MAY 23 - 10 A M Public Sale of Heavy Lumber, Joist, Choice Used Lumber located in Lancaster County, Pa , 7 miles East of Lancaster, ¼ mile North of Bird in-Hand on Beechdale Road Take Rt 340 to Railroad underpass, turn North on Beechdale Road Follow to sale Terms by Abner S Esch, Steve Petersheim, Auctioneer

MON MAY 25 - 10.00 A M Public Sale of Antique Gas Engines, Tractors, Hand Tools and Literature Located in Hellam Twp York Co , 2 miles north of Hellam exit off Rt 30, north on Kreutz Creek Rd , left on Fahringer Dr , left on Druck Valley Rd Floyd W Miller Owner Blaine Rentzel Auctioneer

BAGGING HEIFER AND BEEF HERD AUCTION

Ulysses, Potter Co., Pa. on Loucks Mills Road

SATURDAY, MAY 30, 1981

At 1:00 P.M.

(Watch for arrows on Main St. Rt. 49 or Loucks Mills Sign off Rt. 6 5 mi. W. Galeton)

17 Fancy Holstein Heifers: 4 Due June, 13 Due July and Aug. All are dehorned, and will weigh at 1200#. If you are looking for the right kind in condition to really milk, don't miss this opportunity!!

24 Polled Herefords: 16 Mature brood cows, 10 bred for June and July, 4 with calves at side. 2 bulls (6 wk and 7 mo.) 3 Aug. heifers and 3 Aug. Steers. These are very gentle cattle with cows weighing to 1500#. If you are looking for good beef cattle, plan to attend this sale!

All cattle blood and TB Tested, Pregnancy checked, ready for immediate interstate shipment, Loading dock and trucking available. Terms: Cash or Good Check

Note: Jerry Pirrung is selling his heifers as pasture lease has been lost. Ken Lambert is discontinuing his beef herd. Everything absolutely sells to the highest bidder.

Owner: KEN LAMBERT FAMILY
JERRY PIRRUNG FAMILY

Auctioneers: Bob Shaylor
Jimmy Pirrung

TOOL SALE

GREEN HILLS AUCTION

(on Route 568 South of Reading)

FRIDAY EVE. JUNE 5th

Starting at 6:00 PM

Rockwell 6" deluxe Jointer w/stand and motor - Rockwell 14" wood cutting band saw w/stand & motor - Rockwell 9" tilting arbor circular saw w/stand & motor - Rockwell bench model radial drill press w/stand motor & accessories - Shopsmith Mark VII and accessories - Atlas variable speed wood turning lathe 6" swing 36" between centers on stand w/motor - Porter cable 7/8 H.P. Router w/dovetail templets - Delta Rockwell shaper 1/2" spindle on stand w/motor - Delta Rockwell jig saw on stand - Porter cable model 165 belt sander - Black and Decker 1/4" Elec. drill - Sabre saw - Atlas drill press - Atlas table saw - Atlas 6" jointer - Craftsmans belt sander - Finish sander - Chain Saw - 3/8" Var. Spd. Drill - 7-1/2" Circular saw - Router - 7" w/1HP Grinder - Small air compressor - Air hose - Assorted carving rifflers & rasps - 13 Austrian professional wood carving tools - 15 Buck Brothers wood carving tools - Sharpening stones for wood carving tools - 24" Mitre box w/saw - 24" Ulmia Mitre Box w/saw - Marples wood turning-tools (set of 8) - Stanley 26" Transitional wood plane #32 - Assorted Buck Brothers wood chisels - Stanley No 5 wood plane - Stanley No 110 Block plane - Stanley No 70 Box Scraper - Stanley No 78 Rabbet plane - Stanlet No 151 Spoke Shave - Stanley No 80M Scraper - Stanley Squares - 12 Assorted wood molding planes - Bench Vise - Assorted router bits and Numerous small tools

Approximately 90% of all tools listed are from one local estate, All tools in top shape new quality. There are no minimum prices on any tool, all to be sold without reserve.

NOTE - General public sales are held every Tuesday starting at 10:00 AM. Tools are often included in these sales. We also have sales on Thursday Eves. starting at 5:00 PM When Merchandise is available. Please call to inquire on Thursday sales.

LUNCH COUNTER ON PREMISES

Phone (215) 856-5000 or (215) 678-3003

Green Hills Auction
R.D. 1 Box 380
Mohnton, Pa. 19540

PUBLIC SALE

OF MOUNTAIN LAND
SATURDAY, JUNE 20

3:30 p.m.

Located in central Penna., Snyder Co.

Tract #1 - 10 A.
Trace #2 - 3 A.

Located along Shade Mt., water on both, easy access to state forest lands.

For brochures contact Aucts.

LONG BROS., AUCTS.
R.D.1
PORT ROYAL, PA 17082
717-527-4458

NOTICE OF PUBLIC SALE

Notice to the heirs at law, next of kin and other parties in interest:

NOTICE IS HEREBY GIVEN that the undersigned will offer at public sale at the Fort Granville Branch of The Russell National Bank, West Fourth Street Extended, Lewistown, Pennsylvania, on Friday, May 29, 1981, at 2:30 o'clock, P.M., D.S.T., the following real estate.

ALL THOSE two tracts of land situated in Derry Township, Mifflin County, Pennsylvania, bounded and described according to survey by John G. Robinson & Associates, Inc., dated October 20, 1976, and recorded in Plat Book No. 11, Page 13, Tract No. 1 consisting of 53.32 acres and Tract No. 2 consisting of 77.35 acres, more or less, said Tracts being contiguous, No. 1 being on the North side of Township Road No. 377 and No. 2 being on the South side of said Road. For legal description see Mifflin County Records, Deed Book 220, Page 325. Tax Map Reference is 16-08-07.

EXCEPTING, NEVERTHELESS, from the foregoing, a certain one-half (½) acre parcel of Tract No. 2 conveyed by Mary Hephzibah Mitchell a/k/a Hephzibah MitcheH, individually and as Administratrix of the Estate of John T. Mitchell, deceased, to Ralph P. Kearns and Lola H. Kearns, his wife, by Deed dated April 29, 1977, and recorded in Mifflin County Records in Deed Book 227, Page 399.

This property is jointly owned by Mary Hephzibah Mitchell and Margaret Nancy Mitchell, an Incompetent whose Guardian, The Russell National Bank, will join with Mary Hephzibah Mitchell (subject Court confirmation) in the conveyance of the total fee interest in said premises.

TERMS OF SALE: Down payment payable at time of sale shall be Thirteen Thousand Five Hundred and 00/100 ($13,500.00) Dollars, payable in the form of a certified check drawn on any State or National Bank licensed to do banking business in the Commonwealth of Pennsylvania, said check to be payable to the order of Mary Hephzibah Mitchell and The Russell National Bank, Guardian of the Estate of Margaret Nancy Mitchell. Realty transfer taxes shall be divided equally between purchaser and sellers. Annual real estate taxes shall be prorated to date of settlement on a calendar year basis. Settlement to be held within Thirty (30) days after confirmation of sale by Court.

Sale of the interest of the Estate of Margaret Nancy Mitchell in the said premises is subject to confirmation by the Court of Common Pleas, Orphans' Court Division, at a hearing to be held Wednesday, June 3, 1981, at 10:00 o'clock, A.M., in the Courtroom of the Courthouse at Lewistown, Mifflin County, Pennsylvania.

Sellers reserve the right to reject any and all bids, to convey the premises by one or more Deeds to accommodate two or more purchasers who submit a joint bid.

For inspection of premises call J. Harold Boyer, President and Trust Officer of The Russell National Bank at Lewistown, Pennsylvania (717) 248-4951.

MARY HEPHZIBAH MITCHELL
THE RUSSELL NATIONAL BANK,
Guardian of the Estate of
Margaret Nancy Mitchell
SEARER & TORQUATO
Attorneys for The Russell National Bank
BRUGLER & LEVIN
Attorneys for Mary Hephzibah Mitchell
AUCTIONEER: Mark Glick

CONSIGNMENT HORSE SALE

SATURDAY, MAY 30

11:00 A.M. Sharp
Tack sold at 9:30 A.M.
Horses Hitched at 9:00 A.M.
(If weather permits)

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Route 522, 3 miles East of Middleburg
5 miles West of Selinsgrove

WORK HORSES

One load of sharp standardbred, carriage & buggy horses.

For Information Call
717-992-1490 or 717-837-2222

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 - RD 3, Middleburg, Pa.
Owners
DON & WALT KEISTER

Ray Long & Dave Imes Auctioneers
Terms: Cash Trucking Available.
Restaurant Open

PUBLIC AUCTION

FURNITURE, ANTIQUES, QUILTS, GLASSWARE AND CHINA

SATURDAY, MAY 30, 1981

9:00 A.M.

At light in Parkerford on Route 724 turn South on to Bethel Church Road to Sale Site. In East Coventry Township, Chester County, Penna. Watch for Auction Signs.

3-pc. light oak decorated bedroom suite with high back, beautiful carved spool rope bed, a **fine slant top desk, 4 drawers w/secret compartment,** 2-dovetailed blanket chests, child's rocker w/cane seat, complete set of half spindle plank chairs (orig. decorated), Canel back and square trunks w/compartments, 2-marble top stands, **2-OAK SIDEBOARDS,** Hoosier cabinet w/flour bin, Tiffany type leaded table lamp, 5-leg OAK square table, 2-High pressed back chairs w/solid seat, 2-OAK dropleaf tables, rope bed, pantry cabinet base, settee, Empire bureau, 2 oak stands, Lincoln rocker w/cane seat & back, assortment of other rockers, cedar lined blanket chest, 5-walnut cane seat chairs w/rocker, OAK clothes tree, OAK swivel chair, variety of chairs, wicker baby coach, mantle clock w/lion's head, child's high chair, hat rack, picture frames, **BENGAL COAL STOVE,** Crosley table model radio, wicker rocker and ferneries, 2 dovetailed wood boxes, baskets, porch rockers, **MARCH BROWNBACK PARLOR HEATER,** oak treadle sewing machine, fainting couch, bamboo hat rack, milk cans, larger farmer's boiler, benches, butchering table & equipment, horse harness & blankets, tin wash boiler, coffee grinder, meat slicer, sleigh bells, samples of old school books (of 100 yrs. old or more), oil lamps, parts & bases, rag rugs, the Parallel Bible and other Bibles, Stoneware, Redware, crocks, Bisque doll (Armad Marsaeible German 390MA8M, old baby clothes, coverlet signed Catharine Gable (Star coverlet), all in good condition, patchwork quilts & variety of others, Ironstone, handles cups & saucers, Depression glass, Milk glass, **3 Royal Ironstone Pitchers w/wash bowl,** pressed glassware, hand blown vases, set of dinnerware by Edwin Knowles, M & L Dourne Blueware (England), linens, old clothing. Agateware, kitchen utensils, plus much more still unpacked.

Auctioneer's Note: These fine antiques have been in the family generations of 100 yrs. or more. It is a sale you won't want to miss.

TERMS: CASH OR GOOD CHECKS
ALL DAY SALE BRING SEATS
Owner or Auctioneer not responsible for accidents.

Food on Premises — Parking

Sale for
LOTTIE M. BECKER

Amos Bean, Power of Attorney
Furniture to be sold at 1 P.M.

Nelson C. Weidenbaugh, Auctioneer
540 N. Lewis Rd., Royersford, PA 19468
Phone 215/948-7619

CLIP and SAVE

GAP AUCTION
FRIDAY EVE., MAY 29
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M. OTHER DAYS BY APPOINTMENT

Call us for pick up service

IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE
Household Goods — Gas Engines
Gun & Coin Collection
Pocket Watches & Other Antiques
SATURDAY MAY 30, 1981
10:00 a.m.

Located in Lancaster County at 554 Gibbons Road, Bird-in-Hand, PA 7 miles East of Lancaster, 1 mile North of Bird-in-Hand. Take Rt. 340 to Beechdale Road at Railroad Underpass, turn right 2nd road.

HOUSEHOLD GOODS
Oak 14 ft. extension table; Oak extension table with 5 boards; Oak dresser; Combine; Antique beds; Plank bottom chairs; 4 mantle clocks; Wooden butter bowls; Drop leaf table; Flour chest; 2 arm chairs; Swivel Chair; Sofa; Quilts; Small drop leaf table; Old 8 day clock; China closet; Treadle sewing machine; Aladdin lamp with glass base; Miscellaneous dishes &

ANTIQUES
Annals of Conestoga Valley; Tulpenhacker Settlement, Womelsdorf, Pa.; Almanacs from 1804 to 1897 in book form; Conestoga wagon jack (dated); Milk cans; Ads; Broad axe; Hames with brass Knobs; Butter print; Wagon wrenches; 2 steam whistles; Steam oil can; New Holland wagon box seat & tool box; Cast iron banks; Sleigh bells; Dinner bell; Wagon seat; Horse saddle; Pony saddle; Copper kettle; 2 brass buckets; Copper wash boiler; sausage stuffer; Bologna slicer with air motor; Lawn spreader; Lawn mowers; Old store scales; Cradle;

GUNS
GUN COLLECTION: Parker 10 ga. double barrel; Ansley Fox 12 ga. double barrel; Sterlingworth Fox 12 ga. double barrel; Winchester Model 12 - 12 & 16 ga.; Savage 410 double; Savage 12 ga. double, like new; Remington 1100 12 ga. 3" magnum w/ventilated rib, semi-automatic, like new; Savage 20 ga over 222 with scope; Remington Model 11 - 12 ga. semi-automatic; Remington 760 - 30-06 pump with 3 x 9 power scope, like new; Pre war Model 760 - 30-06 pump; 2 Remington bolt action 30-06 with 4 power scopes; Remington Model 33 - 22 long rifle; Double barrel muzzle loader; Fishing rods & reels & equipment.

POCKET WATCHES
Waltman; Elgin; Equity; Shefield, Hamilton; Abaret; Admiral; Knickerbocker; Wellington; Regulator; Hampden; Some silver plated, 14 K Gold, 10 K Gold plated, 14 K Gold filled, Nickel plated — **GUNS & WATCHES TO BE SOLD AT 1:00 P.M.**

CAST IRON IMPLEMENT SEATS
New Holland; Excelsior; Deering Chicago, Ill. D256; Buckeye; R Adrince Buckeye; Stoddard; Walter Wood; Deering; Champion; Wester Roller and others.

GAS ENGINES
1½ h.p. International Spoke Fly Wheel; 1¾ h.p. Associated; 1¾ Associated Chore Boy; 2½ h.p. Water Loo Boy; 1½ h.p. John Deere; 1½ h.p. Fairbanks, water & air cooled; 3 h.p. Fairbanks; 2 h.p. Stover; 1½ h.p. Bloomer; 2 h.p. New Way; 4 h.p. Economy with cart; 2 h.p. Fair banks with cart; 1½ h.p. Fairbanks; 1½ h.p. McDeering; 1½ h.p. Fairbanks Disk Fly Wheel 3 h.p. Sears Roebuck; 1½ h.p. Montgomery Ward; Case Cross Motor Tractor 1919; Fordson Tractor 1927; 10-20 McDeering Tractor; F 12 Farmall on steel; Small New Holland Grinder; JD L model 26-1050 w/square hood, cultivators, and plow; JD LA; 1 Horse Open Sleigh; 6 Horse horse power; many items too small to mention.

Terms By:
AARON & MARY MILLER

AUCTIONEERS:
Steve Petersheim
215-869-2508
Paul Z. Martin

LUNCH AVAILABLE

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
R. 1 Box 164 Pillow Pa 17080
Phone 717 258 6004

PUBLIC SALE
SATURDAY, JUNE 6
9:00 A.M.

Located on Route 209, between Millersburg and Elizabethville, Pennsylvania, near the village of Rife. Watch for sale signs day of sale.

REAL ESTATE
1½-Story Frame House with 4 Rooms and Bath, Heated by Oil Furnace Steam Heat. Situate on lot having 250' frontage along Route 209. For additional information or inspection of real estate phone 362-8650 after 4:00 P.M. Real Estate to be offered at 1:00 P.M.

TERMS: 10% Down. Further terms and conditions to be given the day of sale.

MR. & MRS. RALPH L. COOPER
OWNERS

ESTATE OF EDWIN J. FRANK

ANTIQUES & COLLECTIBLES
3-pc. Ornate Oak Bedroom Suite with High Bed; Oak Sideboard with Claw Feet; Seller's Oak Kitchen Cabinet with Stained Glass Top Doors; Low Dry Sink; Flour Chest; (6) Pressed Back chairs; Extension table; Plank Bottom Porch Rocker with Arms & Original Grained Paint; Square Oak Extension Table with Lg. Legs; Floor Model "Master Tone" Record Player; Square Oak Table with Marble and Iron Feet; Assortment of Rockers and Stands; Oak & Gold Leaf Wall Mirror; Wicker Rocker; (2) Round Top Trunks; Flat Top Trunk; Lg. Porch Bench; N.R. Davis Double Barrel 12 Ga. Shotgun; Hamilton #27 .22 Rifle; Assortment of Picture Frames; Copper Apple Butter Kettle; Coca Cola Adv. Sign Pat. Date 1923; Iron Gypsy Kettle; Assortment of Crocks & Jugs, 1 with Blue Flower; Assortment of Baskets; Coffee Grinder; Potty Chair; Oak Case Singer Sewing Machine; "Sentinel" Table Model Radio; Meat Bench; Assortment of Iron Butcher Ladles and Forks; "Gem Irving" Kitchen Coal Stove (as is); Wooden Work Bench; Wooden Water Pump with Wooden Pipe; Wagon Seat; Bracket Light with Reflector; Loose Sleigh Bells; Assortment of Indian Head Pennies; 1889-0 and 1899-0 Silver Dollars; Assortment of Pocket Watches; Doll with Kid Body; Postcard Album; Pottery Turk's Head; Pewter Tea Pot Marked Townspnd; (2) Milk Glass Decorated Easter Eggs; "Illustrated Catalog of Machinery & Supplies of Coke & Co." Dated 1883; Assortment of Pressed, Pattern and Depression Glass; Etc.

1951 CHEVROLET ¾-TON PICK-UP TRUCK
RUPP SNOW SPORT MODEL 440WT SNOWMOBILE
FARM MACHINERY & TOOLS

Farmall H Tractor with Cultivator; "Farmer's Favorite" Grain Drill; McCormick Deering Corn Planter; Spring Tooth and Spike Tooth Harrows; Massey Harris Model 82SP Combine; Side Delivery and Dump Hay Rakes; 30' Grain Elevator; Corn Sheller; Letz Corn Cracker; New Holland Super 66 Baler; Horse Drawn Potato Plow; Walking Plow; Oliver Grass Mower; Disk; New Idea 1-row Corn Picker; 2-Bottom Plow; Grain Windmill; Assortment of Single & Double Trees; New Idea Manure Spreader; Cobey Rubber Tire Farm Wagon with 2 Wooden Beds; John Deere 4-14" Trip Bottom Trail Plow; Craftsman Model 103 Shaper; Wooden Turning Lathe; Craftsman 6" Jointer; Bench Grinder; Stanley 8" Circle Saw; 18" Remington Power Saw; Lg. Assortment of Hand Woodworking Tools; Buck Saw; Junk Pile; Wheelbarrows; Hog Scalding Trough; Assortment of Meat Hooks; Enterprise Grinder and Sausage Stuffer; Lawn Mowers; Cast Iron Radiators; Cub Cadet 86 with Mower; Assortment of Grain - Wheat, Oats, Barley; Misc. Items Too Numerous To List.

HOUSEHOLD ITEMS
Frigidaire Chest-Type Freezer; Frigidaire Refrigerator; "New Perfection" Kerosene Stove; "Columbian" Combination Coal-Electric Stove; (2) Room Coal Heatrolas; H&R .22 Special Revolver; Ithaca Model 37 20 Gal. Shotgun; Misc. Dishes, Pots, Pans; Etc.

SALE WILL BEGIN WITH WOODWORKING TOOLS AND BARN-RELATED ITEMS.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

EDWIN J. FRANK ESTATE
Gladys M. Cooper, Executrix
Earl Richard Etzweiler, Attorney
Dockey & Dockey, Auctioneers
Deppen, Apprentice

Public Sales Register
Closing Date - Monday, 5 00 P M of each week's publication

MON MAY 25, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON Memorial Day MAY 25 - Public Auction of Household Goods, Antiques and 40 Guns Located at Rt. 2, Manheim, PA along Spangler Road just north of Rt. 283 at the Mount Joy-Manheim exit Jay R. Kulp, Owner C.H Wolgemuth, Owner

MON. MAY 25 - 1 30 P M. Public Sale of Valuable Farm Machinery, 3 Tractors, some Antiques and Collector's Items At Bunces Corn Stand, 415 N Loyalsock Ave, Montoursville, PA Lyc. Co Clyde and Beverly Bunce Max Fraley & Son Auctioneers

MON MAY 25 - 10 00 A M Public Sale of Farm Equipment From I-81 take Rt 11 at Inwood, WV turn east on Rt. 51, travel 3 miles to Roeder's Market (formerly Haines') Turn right, 2 mile to sale, or from Charles Town, WV, take Rt 51 west, go approx 8 miles to Roeder's, turn 2 mile to sale Edgar Bohrer Sale Manager

MON MAY 25 - 8 30 A.M Public Sale of Furniture, Carriage, Trucks and Car Located at our Auction Facility, just off Rt. 75, at Johnsville, 12 miles north of New Market and Midway between Union Bridge and Libertytown, Frederick Co, MD. Austin Bohn Auctioneer

TUES MAY 26 - 7.00 P M Public Sale of Real Estate, located at corner of River Rd. and Oak Rd, Rd 2, Conestoga, Manor Twp., Lancaster Co, PA about 2 miles west of Safe Harbor, and 1 mile east of Highville Sale by Mr & Mrs Arthur W Knight. Howard Shaub and Roy C Probst Auctioneers

TUES MAY 26 - 5:30 P M. Farmersville Auction. In Farmersville, 3 mi East of Brownstown, Lancaster County, PA. John J. Rutt, Auctioneer.

WED. MAY 27 - 10.00 A M. Public Sale of Farm Machinery, Dairy Equipment, Hay, Silage, Growing Grain crops Located on the farm in the corner of Warner Rd and Matthews Rd 3 miles south of State Rd 194 in Ladiesburg between Woodsboro and Keymar, Frederick Co, MD. Trout Auctioneers.

WED. & THURS MAY 27 & 28 - Public Sale of Real Estate, Office Equipment, Egg Processing, Warehouse and Garage Equipment, Trucks, Cars and Tractor Located 1741 Valley Forge Rd, Rt 363, Worcester Twp, Montgomery Co, Worcester (Center Point) PA. Sanford A Alderfer Inc Auctioneer Producers Pride Assoc. Inc Owners

THURS & FRI MAY 28 & 29 - Public Sale of Farm Equipment, Located at the place of business 6 miles south of Chamersburg, PA 1 mile east of Marion, just east off Rt 81 at Marion Exit Rt 914 Ralph W Horst Manager

THURS MAY 28 - 9 00 A.M Public Sale of Antiques, Household Goods, Hospital Beds, Lots of Cooking Utensils, Bedding & Tools For the Reformed Mennonite Home Manor St, Lancaster, PA At the corner of Manor St, and South West End Ave Howard Shaub and Roy C Probst Auctioneers

FRI. MAY 29 - Perry Co Farm and Woodland at Public Sale Located 45 miles NW of Harrisburg, along Rt 850 2 miles east of Honey Grove Long Bros Auctioneers

FRI. MAY 29 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI MAY 29 - 6 30 P.M Public Sale of Holstein Heifers and Steers Located at Rd 1 Blairs Mill, Huntingdon Co, turn off Rt 75 1 mile south of Waterloo, 5 miles north of Doylesburg, turn right on Mountain Foot Spur Rd., 1st farm Ronald Moore Owner Kling's Auction Service

FRI MAY 29 - 10 30 A M. Yearling Spring Heifer Sale Held at Shady Lane Dairy Sales, Inc ¼ mile west of Quarryville, PA off Rt 372 on Oak Bottom Rd. Glenn D and David L Fite Owners

FRI. MAY 29 - 4.00 P M Public Sale of Real Estate, Household Goods and Antiques, Located between Schnecksville, New Tripoli, 1 mile east of Pleasant Corners, turn off Rt 309 onto Crause Rd to the farm, Lehigh Co, PA Sale by Maurice F and Carrie E Weiss Conducted by Ralph W Zettlemoyer Auction Co, Inc

FRI. MAY 29 - 6 00 P M Public Sale of Farm Machinery, Trucks, Car, Sows, Boar etc Located 12 miles north of Bloomsburg, 6 miles NE of Millville, 1 mile west of Rohrsburg Glenn and Marion Ridall Owners Max Fraley & Son Auctioneers

FRI. MAY 29 - 8 P M D S T Special Holstein Sale of Registered and Grade Heifers, fresh yearlings to breeding age, 11 from Chester Co and 40 from Schuylkill County Sale to be held at Smoketown Quality Dairy Sales, Route 340, Smoketown, Pa 5 miles East of Lancaster and 5 miles West of Intercourse, Pa Sale by Gordon W Fritz

PUBLIC SALE
FARM MACHINERY, TRUCKS, CARS, 2 BRED SOWS, BOAR, ETC.
12 miles N. Bloomsburg, 6 miles NE of Millville, 1 mile W of Rohrsburg, Auction Arrows off 254.

FRI. EVE. MAY 29
6 PM

IH TD-340 Crawler-Loader w/4 way bucket; Fordson Major tractor; IH 225 S.P. 10' hay swather; IH 35 rake-triple rubber teeth, just new; 3-14" plows; JD 490 planter; NI 251 mower; Gehl wagons; pony wagon; dbl. pony pullin harness; 35' tandem trailer; 54IH 10' dump truck; Diamond Reo hood; IH DV-550 engine-trans.-radiator; IH 24" backhoe w/boom; lots more.

Owners,
GLENN & MARION RIDALL
717-458-5796

Auct.
Max Fraley & Son
546-6631

PUBLIC SALE
OF 38 ACRE FARM
SAT., JUNE 27th
@ 1 PM

Located 12 miles north of Lebanon. Take Rt. 72 north to Lichtdale, turn left, go 1 mile west to property. From exit 30 on Rt. 81, turn right and go west one mile, Union Twp., Lebanon Co., Pa.

HOUSE: 2½ story log; 1st floor - kitchen, living room, sewing room, lg. utility rm. and full bath. 2nd floor - 4 bedrms, attic insulated, partial basement, oil hot air heat, storm windows, tin roof - house needs some work.

BARN & OUTBUILDINGS: 42' X 82' frame bank barn, 4 feeding stables & corn crib, new barn yard fence; 30' X 120' cement block bldg, set up for started calves, could be used for other purposes, 5 ton metal feed bin; 16' X 30' block & frame storage bldg; New 40' x 70' calf barn, 1 yr. old, fully insulated w/auto. ventilation, manure pit, 104 crate capacity for veal or started calves. Buildings all have tin roofs.

WATER SUPPLY: 2 wells & pressure system.

LAND: 38 acres total, nearly all tillable, soil in high state of cultivation, terrain level.

COMMENTS: Outbuildings are in good condition, farm has a very nice setting off the main rd., lots of old shade trees, all crops in field @ time of settlement are included in this sale.

TERMS: 10% down day of sale, settlement by Aug. 27. For inspection call: HORNING FARM AGENCY, INC. 215-286-5183.

Terms By:
JOHN B. & KATHRYN E. LANDIS
717-865-4329
Thomas P. Harlan, Esq.

Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT. MAY 30 10 A M Public Sale of Household Goods, 15 Guns including Parker 10 ga double, Ansley Fox 12 ga double, Fox Sterlingworth 12 ga double & 2 Winchester pump model 12 20 Antique gas engines, 1919 Case tractor, 40 Antique cast iron seats Located 1 mile North of Bird-in-Hand, Pa on Gibbons Rd Sale by Aaron P Miller Auctioneers Steve Petersheim & Paul Z Martin

SAT MAY 30 - 10 00 A M Public Sale of Farmette, Farm Equipment, Household Goods, Antiques, Collectibles Located in the Village of Pitman, Mahantongo Valley, Schuylkill Co, PA 5 miles north of Hegins, 9 miles south of Shamokin Grant Herring Owner George and Mike Deibert Auctioneers

SAT MAY 30 - 10 00 A M Public Sale of Personal Property and Coins Located 1½ miles east of Hahnstown along Hahnstown Road Paul Z Shirk, Owner Paul W Horst and Leroy S Horst, Auctioneers

SAT MAY 30 - 9 00 A.M Public Sale of Blacksmith Tools, Antiques and Wagons, (2 seat surry with fringe on top, excellent condition, 2 Conestoga covered wagons) Located from Lancaster take Rt 272 to Rt 222 to Rt 1, turn north, 5 miles to Red Pump Rd to Freemont Rd or from Oxford take Rt 1 south to MD line, go 2 mi turn north on Red Pump Rd Terms by Helen Swack Estate of John A. Swack deceased Lloyd H Kreider, Randal V Kline and Gary L Shirk Auctioneers

SAT MAY 30 - 9 00 A M Public Sale of Real Estate, Antiques and Collectibles Furniture and Household Located 2 miles south of Bloomsburg Rt 42 in the Village of Rupert, corner of Rupert Dr and Hunter Street, I-80 Exit 34 to Rt 42 George Frees Owner Hock's Auction Service

SAT MAY 30 11 00 A M Public Sale of 25 acre farm and Personal Property, Located at Rd 2, Mohnton, from New Holland Rd, take Church Rd to Reed Rd, turn left, go 1 block to Hunter Rd, turn left to property Allen Witmer Estate Elton and Alvin Horning Auctioneers

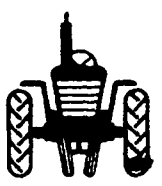
SAT MAY 30 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT MAY 30 - 9 00 A M Public Sale of Furniture, Antiques, Quilts, Glasware and China Located at light in Parkerford on Rt 724 turn south onto Bethel Church Rd to sale site In East Coventry Twp, Chester Co, PA Sale for Lottie M Becker Nelson C Weidenbaugh Auctioneer

SAT MAY 30 - 10 A M Annual Grade Heifer Sale at the New Holland Sales Stables, Inc, New Holland, Pa

SAT MAY 30 10 00 A.M Public Sale or Robert L Clauser Sr Estate Real Estate and Personal Property, Located on the premises in Kleinfeltersville along the road to Milbach, Lebanon Co G Harvey Weik Auctioneer

PUBLIC SALE



OF LARGE FARM MACHINERY

SATURDAY, JUNE 6

at 11:00 A.M.

Located in Franklin County, Fannett Township on PA Rte. 75, 1 mile north of the village of Spring Run. If traveling the PA Turnpike, exit at #14, go north on Rte. 75 approximately 5 miles and watch for sale signs.

-John Deere, 4320 Diesel Tractor, w/4400 hrs., major overhaul at 3200 hrs., 23.1-34 tires on rear.

-John Deere 4400 Gas Combine, 13' grain head, 444-4 row corn head, 1200 hrs.

-John Deere 2280 Diesel S/P Hay Bine, 620 hrs.

-John Deere 7000 Conservation No-Till Planter, 1 yr. old.

-John Deere 335 Skid-Sprayer w/350 gal. tank, 44' booms, stainless steel screens and jets.

-John Deere 5460, 4 wheel drive, S/P, Harvester w/3 row corn head also has pick-up head, 590 hrs.

-3 John Deere 12 ton, Tandem axle dump wagons, w/auto. tail gates and 18 ton hoist cylinders.

-Fox Dumping Station, hyd. operated, like new.

-John Deere 66 Hopper-Blower.

-White #508 4-18" auto. reset Plows, w/hillside attachment.

-Dunham Lehr 12' CultiMulcher, like new.

-McCurdy Gravity Bin w/hyd. auger.

-10 ton Coby wagon.

-2 Flat-bed wagons w/hay racks.

-2 Grove 6 ton dump wagons w/30" solid sideboards, ensilage racks for top.

-Windrow turner for front-mount on tractor.

-New Holland 30' Elevator w/corn chute.

-Parts for 5000 Coby, self-unloading wagons, includes: beaters, nets, drags, etc.

NO small items from wagons to be sold.

Terms Cash. Prior Approval on out of state checks.

Harry and Speer, Auct.
Coons, Clerk

ROY C. McGEE
Spring Run, Pa.
(717) 349-2340

Lunch Rights Reserved
Not Responsible For Accidents

FARMERSVILLE AUCTION

TUESDAY, MAY 26, 1981

5:30 P.M.

In Farmersville, 3 mi east of Brownstown, Lanc Co Pa.

Hotpoint refrigerator; maple & blonde bedroom suites; 3 Maytag wringer washers; wooden barrel; single & double bedding; waterfall kneehole desk; set of 4 ladder back chairs; large rugs; gas burner; butcher kettles; contemporary living room suite; 2 breakfast sets; gas range; childs table & chair set; school desks; office desk; SAIL BOAT; dishes; etc., etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

PUBLIC SALE

MOORE WOOTEN TYPE DESK, OAK ROLL TOP, VICT. FURN., WAL., PINE & OAK FURN., 40 PCS. OF WICKER, ORIENTAL RUG, STERLING, AMISH CARRIAGE, 1950 CHEV., 1954 FORD PICKUP, 1962 FALCON

We will sell for various owners the following which has been moved to our Auction Facility, just off Rt. #75, at Johnsville, 12 Mi. north of New Market & midway between Union Bridge & Libertytown, Frederick County, Maryland on MEMORIAL DAY.

MONDAY, MAY 25, 1981

Starting at 8:30 A.M., the following:

Moore Wooten type desk in Wal., interior & exterior good, will be sold at 1:00 P.M., Vict. sofa w/rosewood carving, solid end chest (2 over 3) Ca. 1810, Wal. jelly cupboard, Regency style 60" couch Ca. 1850, two fancy round oak tables w/claw feet, pine drysink, several blanket chests in Wal., pine & poplar, fancy oak Dbl. door wardrobe, single door oak wardrobe, 48" raised panel roll top desk w/"S" roll, one w/"C" roll, Ladies' oak desk, Larkins desk, oak kitchen cabinet, pine 2 Pc. dutch cupboard, oak case Grandfather clock, Empire corner cupboard w/claw feet, Wal. harvest table, oak chest w/mirror, Sq. oak Ext. table, Wal. D.L. gate leg table, brass bed, M.T. wash stand, Sev. empire chest, spinet, desk, oak china cabinet w/Dbl. doors. Lions' head carving & claw feet; Sq. china cabinet w/curved glass door & B & C feet, oak side by side, M.T. table, Vict. hall rack w/mirror, fainting couch, oak buffet, Enterprise counter top coffee grinder dated 1873, Vict. sewing stand, Sev. oak dressers & wash stands, early tavern type table w/Orig. red paint, butterfly table from Hershbergers in Fred'k., ice cream table w/4 heart back chairs, many chairs & rockers, some sets; Morris chairs, 4 Drw. cherry chest, Mahg. chest, school masters desk, counter top show case, early wood washing Mch., w/wringer, B&C piano stool, Mahg. for pedestal, dough tray, Slaugenhaupt rocker, trunks, oak pressed back high chair, w/cane seat, store spice cabinet, counter top oak showcase, several early quilts, Lge. brass ships Din. Rm. light, Sm. platform scales w/orig. paint, Autoharp, two Karastan rugs Approx. 9'x12' & 8'x10', Oriental runner, STEIFF ROSE hand chased sterling flatware, service for 12 plus extra Pcs.; cut glass pitcher & vase, other glass & china, Mahg. case Edison victrola, two oak shelf clocks, oak case sessions school house clock, Sev. mantel clocks, crocks & jugs, post cards, old valentines, $2.50 Gold coin 1912, some Nazi items, ARMAUD MARSEILLE doll, Sev. other dolls including a S. Temple doll Ca. 1950, oil lamps, brass Russian Samovar dovetailed & signed, some early hand tools, early wicker chairs, rockers, settees, fernery, baby carriages, Etc., baskets, tin toys, early jig saw, McCoy pottery, Mah'Jong set, many unlisted small items of wood, tin, & iron. AMISH CARRIAGE, Amish courting buggy, two wheel ox dump cart, 1954 FORD PICKUP Serial #S10U4C11396 in running condition, needs body work, 1950 CHEV. Deluxe Fleetline Torpedo back in good condition, Serial #14HK-D-62025, 1962 FALCON 2Dr., 32,000 miles in very good condition, Serial #2T11U188627, inspected by seller.

TERMS-Cash or approved check. Inspection Sun., May 24, 1:00 P.M. until 5:00 P.M. Sale rain or shine. Lunch by the Johnsville Methodist Church.

SALE CONDUCTED BY:
AUSTIN BOHN, AUCTIONEER
PH 775-7607

KELLER'S PUBLIC AUCTION

FARM MACHINERY, HOUSEHOLD GOODS

SATURDAY, MAY 30, 1980

10:30 A.M.

Located along Elm Road, midway between Manheim and Lititz, Pa.

Farm Machinery & Household Goods. This Sale is not too large.

Ford 5000 Diesel Farm Tractor with Wide Front End in good condition, 3 bottom 2 way model #129 Ford Plow, John Deere Model #40 manure spreader, #246 John Deere Corn Planter w/Gandy Applicator, Spring Harrow, 20' 4" Auger w/motor, 9' Brillion Cultipacker, Side Mower, Portable Platform Sacles, 12x44 Hog Farrowing Portable Units 30' Bale Elevator, 16 Hole McCormick Deering Grain Drill, Fuel Tank, Bale Carrier, Large Iron Trailer Frame, Wooden Wheel Barrow Hog Feeders. Smidley & Quonnet (Isolet) Hog Shelters, Oliver model 17 traction driven manure spreader, Sauder loader with 72 inch snow bucket, 3 point hitch, two row cultivator, Steel field type land roller, Used lumber including wide barn boards, 12' loading chute, David Bradley Hammermill, corn crib, N.H. Side Kick Spreader, 4'x6 hauling crate.

HOUSEHOLD GOODS

Butter Scales, 3 Lanterns, Old Fashion Butter Churn, Old Money, Rug Beater, Assorted Dishes, Almanacs, Wooden Table, Old Jars, 2 Tricycles, Metal Wardrobe Double Bed w/Bed Spring & Mattress, Single Beds, many other items.

Sale By:
HAROLD H. & LOIS R. KELLER
717-665-3298
Auction Conducted By The:
J. Omar Landis Auction Ser.
Jay M. Witman
Box 501
Ephrata, Pa. 17522
717-627-0789 or
717-665-5735

Food Served

PUBLIC SALE

of Antiques, Household Goods, Hospital Beds, Lots of Cooking Utensils, Bedding & Tools

(For The Reformed Mennonite Home)

THURSDAY, MAY 28

at 9:00

Located along Manor St., Lancaster, Pa. At the corner of Manor St. & South West End Ave.

Commercial Magic Chef stove; Glenco 2 door stainless steel refrig.; Philco, Norge & Revco chest freezers; upright freezer; 2 Frig. & G.E. 2 door refrig. frost free; G.E. elec. stove; gas stove; 2 G.E. auto. washers; elec. Singer sewing mach.; Commercial ironer & ironing board; American Standard port. bathroom lift; 8 adj. hosp. beds w/mattresses; 6 adj. bed tables; wheel chair; port. pots; elec. Smith Corona adding mach.; Olympia port. typewriter; Schirch hair dryer; G.E. elec. wall clocks; 7 elec. fans & heater. Plank bottom settee; plank bottom chairs; pine 4 leg dropleaf table; jelly cupboard, blanket chest, wardrobe & feed chest. Seth Thomas wall clock in oak case. Other furniture in oak, Empire, walnut, mahg., maple, Waterfall, cedar, iron, uph., metal & chrome. Floor lights; hand & desk bells; Marietta pot & lg. & sm. skillets; old deco. tin water cooler; agate & wooden articles. Brass butcher bell, clothing tree etc. Pocket knives; baskets; sterling silver thimbles; old pin cushions; homespun linen; light & heavy shawls. Glassware & china in pressed, German, restaurant etc. Lots of lg. & sm. pots & pans in stainless steel; cooking utensils; sm. elec. appliances; all kinds of silverware; lots of dbl. & sing. sheets, towels, table clothes, blankets etc. Pillows; sewing articles; braided & throw rugs; Alum. & wooden step ladders; metal utility cart; hand, shop & garden tools; alum. lawn chairs; 8 wooden porch rockers; 3 park benches; other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served. Parking is available at Andy's Catering Service.

Sale by,
REFORMED MENNONITE HOME
Howard Shaub, Auctioneer 464-3541
and Roy C. Probst

ANNUAL HEIFER SPECIALS

at the

New Holland Sales Stables Grade Sale — May 30

10:00 A.M.

800-1000 Grade Holstein Heifers

All ages from started calves to fresh heifers. Several lots of fancy open heifers. Calfhood vaccinated Consignors, please have animals at sale barn Friday, day before sale, accompanied by health charts, breeding information, Vet checks, etc

Our Registered Heifer Sale date is Saturday, June 13 at 10 00 A M All sizes of Registered Heifers will be sold. Many from high producing dams with good pedigrees.

For more information to buy or sell, contact either NORM KOLB at 717-397-5538 — or ABE DIFFENBACH — Sales Barn Office. 717-354-4341.

MACHINERY AT
PUBLIC SALE
SATURDAY, MAY 30
12:00 NOON

Located 1½ mi. east of Seven Stars, 6 mi. northwest of Liverpool, just off Rt. 235.

Ferguson 20 tractor; front end loader; PLEASE NOTE - TRACTOR & LOADER WILL BE OFFERED SEPERATE & THEN AS ONE UNIT; Ferguson pulley, selling seperate; Ferguson 2-12 plows; M.F. #62, 2-14 plows; Ferguson 6' Heavy Duty scraper blade; Ferguson 6 bar, 3 pt. rake; Ferguson 3 pt. cultivators; Ferguson 7' mower; N.H. 568 baler, no thrower; Superior, 10 hoe drill; Oliver, 4 wheel spreader on rubber; David Bradley wagon w/12' flat; 16' portable alum. elevator; 11-28 tractor chains.

The above items are in good cond., lot of other farm items not listed. Also selling at 10:00 A.M., Antiques & Butcher Equipment.

Owner
GEORGE A. STRAWSER

Long Bros., Aucts.
Ph. 527-4784

PUBLIC AUCTION
SATURDAY, MAY 30, 1981
AT 10:00 A.M.

In the Village of Pitman, Mahantongo Valley, Schuylkill County, PA; 5 miles North of Hegins; 9 miles South of Shamokin. (watch for auction sign along Rt. 125 on the day of sale).

Farmette approximately 3 Acres
2-Dwellings
Bank Barn - 20 Fruit Trees

If you in the market for a single residence or an investment property, you will plan to inspect these possibilities! The above dwellings will be offered individually and as an entirety.

FOR INSPECTION CALL: (717) 648-2081 or 648-1089

TERMS: 10% down the day of sale, further terms & conditions to be announced when real estate is offered at 1:00 P.M.

FARM EQUIPMENT
Farmall H Tractor with Wide Front End; Farmall Cub with Blade, Cultivator & 2-Way Plow to be sold complete; Farmall F-12 Tractor w/Cultivator; Bean Royal Sprayer 200 gal. Fiberglass Tank w/Hose & Gun; Hardy 200 gal. Sprayer w/Blower, good condition; Friend Sprayer w/300 gal. Tank; New Ontario Drill Parts; 2-Bottom Little Genius Plow on Rubber; Chains for Cub Tractor; 8' Disk; Power Take-off Shaft; very nice FAIRBANKS PLATFORM SCALE; Buck Saw; Beam Scale; Bench Vise; Pipe Vise; Grease Guns; Wooden Tool Chests; Carpenter & Mechanic Tools; Building Jack; 1-Ton Chain Block; some New Model T Parts; Ladders; Wooden Wagon Wheels; Hand Cultivators; Wheelbarrow; Plastic Pipe; Lawn & Garden Tools; Chicken Wire, Feeders & Crates; Fruit Baskets & Boxes; Berry Crates & Carriers; Fruit Picking Bags; other items not listed.

HOUSEHOLD ITEMS
ANTIQUES — COLLECTIBLES
8 cu. ft. Gibson Freezer, like new; Whirlpool Automatic Washer; Frigidaire Dryer; Dovetailed MAHANTONGO CHEST, Strap Hinges, Original Lock, drawers missing, painted over named & date; OTHELLO COAL STOVE w/WARMING CLOSET; Laundry Stove, never used; Kitchen Warmer; (2) Dinette Sets; Dishes; Cooking Utensils; Toaster; Coffeemaker; PITCHER & WASH-BOWL; High Back Oak Chairs; Drop Leaf Table; JELLY CUPBOARD; Electric Sewing Machine; 3-Pc. Sectional Living Room Suite; Rockers; Recliners; ZENITH COLOR TV; Stone Fireplace; Electric Logs; Andirons; 8-DAY SHELF CLOCK; Drum Table; Lamps; Pictures; Rugs; 3-Pc. Blond Bedroom Suite w/Bookcase Bed; Oak Stands; Wicker Chair; Luggage; PITMAN BAND BASS DRUM; Square Oak Table; Crocks; 4-Prong Cane; Invalid Walker; Whirlpool for Tub; Lawn Furniture; Rotary Lawn Mower; Riding Lawn Mower; many other items.

Tools & Farm Equipment will be sold first!

Owner,
GRANT HERRING

DEIBERT
George & Mike
Auctioneers & Realtors
717-425-3313

Public Sales Register
Closing Date - Monday, 5:00 P.M of each week's publication

SAT MAY 30 - 2 00 P M Public Sale of Real Estate, Located in Lower Mahanoy Twp , Northumberland Co , approx 3 miles west of Pillow, off Rt 225,long Malta Rd , approx 40 miles north of Harrisburg, 20 miles south of Sunbury Estate of William L Deppen Mervin W Adams Auctioneer

SAT MAY 30 12 00 P M Public Sale of Machinery Located 1½ mile east of Seven Stars, 6 miles northwest of Liverpool, just off Rt 235 George A. Strawser Owner Long Bros Auctioneers

SAT. MAY 30 - 10 00 A M Public Sale of Antiques, House Furnishings Located in the borough at 521 Chestnut St , Mt Holly Springs, PA Sale by Elizabeth Gitt Clair Slaybaugh Auctioneer

SAT MAY 30 - 10 00 A.M. Public Sale of Household Goods, Etc Located Avenue D & 9th Streets, Riverside, Danville, off Sunbury Rd follow signs. Dr & Mrs Klinger Owners John Autotorere and John Jr Auctioneers.

SAT MAY 30 - 10 30 A.M Keller's Public Auction of Farm Machinery, Household Goods located along Elm Road, midway between Manheim and Lititz, PA Sale by Harold H and Lois R Keller, Auction Conducted by the J Omar Landis Auction Service, Jay M Witman, Auctioneer

SAT MAY 30 - Public Sale of Collectors Cars, Antiques and Farm Machinery, Located at 2309 Warfield Dr., ½ mile west of Forest Hill via Jarrettsville Rd (old MD Rt 23) 10 miles north of I-95 via Bel Air Exit #4 and MD Rt 24, 19 miles southeast of I-83 via the Bel Air Exit 36 at MD line Rt 439 and MD Rt 23 Warren D Wolbert Owner John H O'Neill and K C Travers Auctioneers

SAT MAY 30 - 10 00 A M Public Sale of Antiques, Household, Collectibles, Tools Located on Rt 220 halfway between Dushore and New Albany, PA Harry Sharp Estate Warren Fiester Auctioneer

JUNE

MON JUNE 1, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED. JUNE 3 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F. Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED JUNE 3 9 30 A M Public Sale of Truck Tractors, Alum Dump Trailers, Bulk Feed Trailer, Bean Trailers, Shop Equipment and Real Estate Located in Elmer, NJ (West of Vineland) Strang's on Center St in Elmer, NJ Just west of Vineland on Rt 40 Vilsmier Auction Co Inc.

THURS JUNE 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS JUNE 4 - 10 A.M. - Annual Summer Auction of Used and New Farm Equipment and Lawn & Garden Equipment by Ag-Industrial Equipment Co , Inc , 1207 Telegraph Road (Route 273) Rising Sun, Md Blaine Rentzel, Auctioneer

FRI JUNE 5 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. JUNE 6 - 1:00 P.M Public Sale of Farm and Woodland Located in Central PA Juniata Co For information contact Long Bros 717-527-4458

SAT JUNE 6 - 9 30 A M Public Sale of Real Estate, Household Furnishing, Antiques Collectibles, Farm Equipment and Tools. Located 1½ miles SW of the village of Shellsville, on new Rt 22, East Hanover Twp , Dauphin Co , PA, 12 miles east of Harrisburg on I-81 to Exit 28 (Penn National Racetrack Exit) take Rt 743 south to Rt 22, turn west 1½ miles to farm located at the corner of New Rt. 22 and North Crawford Rd Verna Shirk Owner George and Mike Deibert Auctioneers and Realtor

SAT JUNE 6 - 9 00 A M Public Sale of Real Estate, Antiques, Collectibles, Truck, Snowmobile, Farm Machinery and Tools Located on Rt 209 between Millersburg and Elizabethville, PA near the village of Rife Edwin J Frank Estate Dockey & Dockey Auctioneers

SAT. JUNE 6 - 11 00 A M Public Sale of Large Farm Machinery, located in Franklin Co , Fannett Twp on PA Rt 75, 1 mile north of the village of Spring Run If traveling the PA turnpike, exit at #14, go north on Rt 75 approx 5 miles and watch for sale signs Roy C McGee Owner. Harry and Speer Auctioneers.

SHORT NOTICE
PUBLIC SALE
Two Tracts of Real Estate Of The Estate Of The Late Carrie Kauffman

MEMORIAL DAY, MONDAY, MAY 25, 1981
1:00 P.M.

On the premises at R.D. #1, Windsor, PA. Corner of Rt. 624 and Adair Rd., between Windsor and Martinsville.

TRACT #1
15 A. Farm; approx. 10 to 12 acres tillable and the balance woods and building area. Improved with a 2½ story frame 3BR home. Slate roof, Oil hot water heat. Good cond. Other bldgs. include a good bank barn w/stables below, and a barnyard. Also a garage, corn crib and a small poultry house. Road frontage. Good location. Great potential.

TRACT #2
30 acres of unimproved land. Approx. 25 acres wooded, the balance is being tilled. Road frontage. Potential for sub-division. This tract subject to prior sale. To inspect, phone auct. at 717-244-8511 or Bank Trust Dept. at 843-0861.

REAL ESTATE TERMS: 10% down payment on day of sale. Balance in 60 days at settlement.

Executors:
SO. PA. BANK TRUST DEPT.
MRS. MARGARET MELLINGER

Attorney:
Samuel S. Laucks
Auctioneer:
Thomas H. Sechrist

PUBLIC SALE
OF FARM EQUIPMENT
Our Thirty-Sixth Anniversary Sale at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rte. 81 at Marion Exit, Rte. 914 on

THURSDAY & FRIDAY MAY 28 - 29
9:00 A.M. Each Day

SELLING THURSDAY MAY 28 - TRACTORS - TRUCKS - IND. EQUIPT. - LAWN & GARDEN EQUIPT. - TOOLS - ETC.

Tractors including John Deere, International, Fords, Massey Ferguson, David Brown, Oliver, A.C. and others, some with equipt., Ind. equipt. expected, Trucks, New Tools, posts, usual run of Misc. items, etc.

SELLING FRIDAY MAY 29 - BALERS - HAYBINES — COMBINES - PICKERS - FARM EQUIPMENT

Hay machinery inc. Balers, Haybines, Rakes, Mower, Conditioners, Sprayers, Elevators, Hay and Forage Wagons, Combines, Pickers, Harvesters, Flail Choppers, Spreaders, Planters, Drills, Plows, Disc Harrows, packers, new and used Rotary Mowers; Post Diggers Blades, Grinder Mixer, Chisel Plows, Posts, Hardware, Tires, etc.

FARMERS & DEALERS - Bring in your equipt. for this two day sale. Next sale Thursday, June 25, "One Day Only" No equipt. with liens accepted unless we are notified. Open 8 A.M. to 5 P.M. except Tuesday and Wednesday before sale until 7:30 P.M.

Terms: Cash Lunch at Sale Closed Sundays

RALPH W. HORST, Manager
Marion, Pa. 17235
Phone: 717-375-2824

Rentzel, Wolgemuth, Anderson, Upperman, Martin, Speicher, Gossert, Auctioneers
Harshman, Eberly, Rentzel, Stull, Gossert, Clerks

PUBLIC SALE
MONDAY, MAY 25, 1981
At 10:00 A.M. (Rain or Shine)
18 ANTIQUE GAS ENGINES, TRACTORS, ANTIQUE HAND TOOLS, AND LITERATURE

Hellam Township, York County, Pennsylvania — Located 2 Miles North of Hellam. Take Hellam Exit Off Route 30. Go north on Kreutz Creek Road, Left on Fahringer Drive, Left on Druck Valley Road. Signs Posted.

TRACTORS
1936 English Fordson, on rubber, new paint; 1938 IHC "T-20" Crawler; Silver King - W.F.E.; John Deere "L" with plow and cultivators; M.M. model "Z"; Farmall "F-14" with steel rear wheels; 18-36 Hart-Parr power unit; Old Gravely & Bolens Garden Tractors.

1953 Pontiac (straight eight). 1974 Yamaha RD250 Motorcycle.

GAS ENGINES
New Holland 2 H.P.; Ingersoll-Rand Oil Engine, 55 H.P.; Sattley 1½ H.P.; Associate ¾ H.P. air cooled (missing mag.); Dairy King 2 H.P.; IHC "Tom Thumb" 1 H.P.; Fairbanks and Morse 1½ H.P. "Z" (dished flywheels); Cushman Cub 2 H.P.; IHC "LB" 1½ H.P.; Ideal Model "R"; Nova (square hopper); Cushman 1 H.P. upright; Economy 1½ H.P. on truck; New Way 5 H.P.; Associate 3 H.P. on truck; Field Brundage 3 H.P. on truck; Ottawa (?) H.P.; IHC "M" 1½ H.P.; National air-cooled. All engines sold "as is". Assorted Oilers; BuzzCoils; Tractor and Engine Magnetos; Battery Boxes; Original N.H. ½ H.P. Box; 5 Engine Trucks; Assorted Truck Wheels; Steam Governor; ½ H.P. N.H. Flywheels.

SPECIAL MENTION
Scientific (Foos) Sweep Grinder; Flinchbaugh Boring Machine; Marion Stone Mill; Dellinger 2 Hole Cornsheller; New Holland #110 Plate Mill; Cincinnati 21" Drill Press; Table Top Cream Separator; Paint Grinder; N.H. Woodsaw; Steam Whistle; Clipper Belt Lacer; 6"x40' Endless Belt; 10 Cast Iron Seats (1-JI Case).

TOOLS AND MISCELLANEOUS
Twibil (rare); Broad Axe; Post Hole Axe: Cooper's Adz; Gigs: Assorted Adzes; Kettle Hanger; Post Anvil: Tin Crimping Tools; Flax Comb; Chisels; Bung Hole Auger; Nail Clinchers; Hardies; Assorted Wrenches; Dengleshtocks; Stilyard Scales; Assorted Wood Planes; Iron Troughs; Single and Double Trees; 2 Conestoga Wagon Jacks; PRR Cans; Hay Fork; Chains; Binders; Assorted Pulleys; Single Row Corn Planter; 1 Horse Plow; Hill Side Plow. Many items too numerous to mention.

LITERATURE
Miscellaneous Tractor Manuals; Some Car Manuals; Old Thresherman; Farm Mechanics and more. (No reprints).

Order of Sale — Small Items Off Wagon, Literature, Special Mentions, Engines and Tractors.

Not responsible for accidents on the day of sale. No inspections until day of sale. Not a Consignment Sale but more items may be added before day of sale.

TERMS: Cash or Approved Check
Refreshments Rights Reserved

Sale by:
FLOYD W. MILLER
R.D. #11, Box 613
York, Pennsylvania 17406
Telephone - (717) 755-6946

Auctioneer:
Blaine N. Rentzel
Box 222, Emigsville, Pennsylvania 17318
Telephone - (717) 764-6412

NOW 2 FEEDER PIG SALES PER MONTH
2nd & 4th Mondays of Every Month
At Caroline Sales Co., Denton, MD
Sponsored by: MD Pork Producers
"FARM FRESH PIGS DO BETTER"
Frank Copen, Mgr.
301-479-2656

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JUNE 6 - 2 00 PA's 5th Performance tested yearling ram sale PA Dept of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA 16801

SAT JUNE 6 - Nittany Antique Machinery Assn Annual Consignment Sale Flea Market June 6 & 7 Located at Penns Cave, Rt 192 E Centre Hall, PA 814-237-3141

SAT JUNE 6 - 9.30 A M Public Sale of Antiques and Personal Property, Located along Ridge Rd , leading from Denver to Fritztown, about ¼ mile east of Rt 897, at Reinholds, Lancaster Co PA H H Leid Auction Service

SAT JUNE 6 9 30 A M Public Sale of Machinery, Sporting goods, Household Some Antiques Located 7 miles north of Phillipsburg, PA on Rt 53 or 2 miles south of Rt 80 Kylertown exit, behind the Allport Cemetery and Whispering Pines, David Hollabaugh Owner Mark Glick Auctioneer

SAT JUNE 6 - 10 00 A M Sharp Public Sale of 61 acre farm, located - taking Rt 42 south from Catawissa for about 1 mile, go past Three Points Motel and turn on old Numidia Rd or about 2 miles (7 miles south of Bloomsburg, exit 34 on I-80 Lewis J Servos Estate Hock's Auction Service

SAT JUNE 6 - 9 30 A.M Public Sale of Household, Antiques and Collectibles, Farm Machinery and related items Located Paxinos, Rd 1, near Diebler's Station, east of Snydertown or 8 miles east of Sunbury on Rt 61, midway between Shamokin and Sunbury Turn at Marie's Tavern, Watch for signs Evelyn M Conrad Owner Mark J Jones Auctioneer

MON JUNE 8, - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES JUNE 8 - 9.30 A M Consignment Sale Located at S Race St , Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

FRI JUNE 8 - 6 00 P M Public Sale of Tools, Located at Green Hills Auction, on Rt 568 south of Reading, Rd 1 Mohnton, PA

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

2-DAY AUCTION

FOR PRODUCERS PRIDE ASSOC., INC.

At 1741 Valley Forge Rd., (Rt. 363) Worcester Twp., Montgomery Co. Worcester (Center Point), PA.
(18 mi. NW of Phila., 5 mi. SW of Lansdale on Rt. 363, ¼ mi. SW of Rt. 73)

WEDNESDAY, MAY 27, 1981
10:00 A.M.
10 A.M. Real Estate
11 A.M. Office Equipment

THURSDAY, MAY 28, 1981
10 A.M.
Egg Processing, Warehouse & Garage Equipment, Trucks, Cars & Tractor

REAL ESTATE & EQUIPMENT INSPECTION - Wed., May 20th, 12-2 P.M. or by appt. & Wed., May 27th, 8:00 A.M. to 3:00 P.M.

REAL ESTATE - 7.3 Acres w/Comm. brick office & warehouse bldg. w/48,543 sq. ft. TERMS — 10% down day of sale in cash or acceptable check; settlement w/in 90 days.

OFFICE EQUIPMENT - Sperry Univac BC/7 Business Computer, safes, file cabinets, calculators, desks, tables, chairs, cash register.

EGG PROCESSING & PLANT EQUIPMENT — Staalkat Electro Compacta, 2-FMC Mod. 463 Egg Handling Systems, conveyors, pallet trucks, air compressors, welder, garage & maintenance tools, 1977 Int. 1750 Diesel w/16' insulated body, 1969 Int. 1600 12' body, 1965 Ford closed body, 1970 Ford Econline, 1955 Jeep Truck w/snow plow, 1978 Plymouth Volare, 1977 Ford LTD II, 7 truck trailers for storage, Int. Cub Lo-Boy Tractor & Mower.

TERMS — Cash or check w/bank letter guaranteeing payment.

Call or write for Detailed Brochure!

SANFORD A. ALDERFER, INC.
Real Estate Brokers And Auctioneers
Harleysville, PA - 723-1171

PUBLIC AUCTION

Two Miles South of Bloomsburg on Route 42 in the Village of Rupert — Corner of Rupert Drive and Hunter Street. I-80 Exit 34 to Route 42.

SATURDAY, MAY 30, 1981
Beginning at 9:00 a.m. Sharp

— Real Estate Will Be Offered At 1:00 p.m. —

Large Ten Room Frame Dwelling with Four Rooms and Tile Modern Bath on Second Floor; Four Large Rooms, Kitchen and Half Bath on First Floor; Front Entrance Foyer with Open Stairway to Second Floor; One Large Living Room has Green Marble Fireplace with Ornate Cast Insert to Burn Coal or Wood; Oil Hot Water Heat; Hot Air Furnace also in Basement; New Chimney; Wide Pine Floor Boards Throughout House; Corner Lot 100x140 Ft. Small Two Story Barn on Rear of Property.

— Antiques and Collectibles —

GLASSWARE: Five Piece Dress Set (Violet Design); Ironstone Bowl and Pitcher; Four Piece Bowl and Pitcher Set with Flower Design; Service for 12 Sheridan Noritake Dishes; Service for 12 Candlewick Dishes with Many Extra Pieces; Large Set of Fiesta Dishes; R.S. Germany Berry Set; Eight Large Glass Pitchers; Button and Daisy Hat and Bottle; Ten Salt Sellers; Hen on Nest; Large Cut Glass Bowl; Cut and Pressed Glass; Ironstone Dishes; Many Pieces of Green and Pink Depression; 12 Press Glass Banana Split Dishes; Moon and Star Compote; Hobnail Dishes; Three Shirley Temple Mugs; Knife Rest; Hobnail Cruet; Many Sets of Stemware (Etched and Gold Trim); Glass Basket; Six Cake Plates, Cups, Saucers, Milk Glass with Fruit; McCoy Tea Pot; Four Pieces of Roseville (Very Large Oval Bowl); Hull Pottery; Stoneware (Bottle and 5 Gal. Jug); RSTK Austrian Vase; Elephant Collection; Bisque Items: Silverplate Coffee and Tea Sets; Five Pieces of Halls Pottery; Silver Inlaid Dishes; Hypothacary Jars; Blown Glass Vase; Cake Stands; Cake Stands; Much More Glassware Not Mentioned.

FURNITURE: Ornate Walnut Bed; Cherry Washstand with Marble and Back; One Drawer Washstand with Side Towel Bars; Chestnut Cottage Washstand with Teardrop Pulls; Oak Clothes Tree; Large Plank Rocker with Arms; Mahogany Empire Chest; Oval Walnut Mirror; Chest of Drawers (Walnut); High Back Plank Rocker without Arms; Very Large Pine Wardrobe with Two Drawers in Bottom; Walnut Bedroom Suite (Vanity with Bench, Twin Beds, Dresser, Stand); Four Wood Ice Cream Chairs; Cane Seat Chairs; Bevel Glass Oval Mirror; Two Cradles (One with Turned Frame); Cottage Dresser Bottom; Cane Seat Oak Press Rocker; Four Victorian Stands (One with Marble Top); Pressback Rocker; Large Cherry Drop Leaf Table; Singer Treadle Machine; Two Plank Half Spindle Chairs; Turned Leg Table; Oak Chest with Small Drawers; Large Drawers and Cupboards; Oak Arrow Back Chair with Woven Seat; Oak Rocker with Padded Seat; Two Walnut Victorian Platform Rockers; Two Drawer Sewing Stand; Two Jelly Cupboards; Breakfront Desk;

PINE CORNER CUPBOARD: Victorian Love Seat; Platform Rocker; 4 Straight Chairs Walnut; Acme Ornate Parlor Stove; Oak Sectional Book Case with Glass Doors (a part); Oak Commode; Railroad Seat with Iron Arms; Two ¾ Rope Beds; Empire Style Sofa and Chair with Carved Arms and Legs; Many Other Items Not Mentioned.

LAMPS: Two Gone With Wind Lamps, Painted and Cranberry; Brass Oil Lamp with Painted Shade; Finger Oil Lamp; Three Other Oil Lamps; Hanging Oil Lamp Bracket with Shade; Tiffany Type Lamp Base; Etched Glass Electric Lamp; Floor Lamps; Lamp Bracket; Four Brass Table Lamps (Electric).

CLOCKS, WATCHES AND OTHER ANTIQUES: Elgin Gold Pocket Watch (running); Ladies Gold Lapel Watch (needs repair); New Haven Kitchen Clock; Sessions Square Wooden Case Clock; Clock Parts, some wood; 1868 Marriage Certificate and Frame; Frames and Prints of All Sizes and Shapes; Waverly Novels; Brass Horn; Hand Bell; Old Combs; Beaded Purse; Old Post Cards; Old Eye Glasses; Miniature Brass and Copper Items; Almanacs; 1887 Atlas; Old Newspapers; Velvet Upright Double Picture Albums; Flower Bracket; Wicker Doll Buggy; Brass Candle Holders; Old Books; Assessare Scale in Case; Silverware; Wood Planes; Barn Lantern; Pedal Grindstone; Historical Collection with Col. Co.; Wirt Pen.

COVERLET AND QUILTS: Nice Coverlet (no date); Feather Stitched Crazy Quilt; Two Other Quilts.

— Furniture and Household —

Pennsylvania House Cherry Dining Set (Drop Leaf Table, Hutch, Server, 6 Ladder Back Chairs, Two with Arms); Pie Crust Stand; End Tables; Large West Branch Cedar Chest; Three Card Tables; Sail Boat Clock; RCA-Color TV; Service for 16 Flatware in Chest; Crosley Electric Stove; G.E. Refrigerator; Cast Dutch Oven; Sofa and Chair; Iron Bed; Metal Closet; Snack Sets; Set Copper Bottom Utensils; Hoover Upright Sweeper; Agway 3½ H.P. 22" Mower; Pipe Fittings; Vise; Yard Roller; Dishes; Kitchen Utensils; Tools; Edward Clock Door Chimes; Many Other Items Not Mentioned.

TERMS OF SALE — CASH OR GOOD CHECK.
Real Estate — $2500 Down Day of Sale with Balance in 30 Days.
Statements made day of sale will take precedence over printed matter. To view Real Estate call Auctioneer evenings at 799-5351 for appointment.

Seller
GEORGE FREES,
MILDRED FETTERMAN, P.O.A.

HOCK'S AUCTION SERVICE
DONALD E. HOCK — 784-7849 GEORGE J. HENRY — 799-5351
Members of Local, State and National Auctioneers Association

Seif and Danoff, Solictors
Gerald Danoff, Solictor

BANKRUPTCY SALE

VALUABLE FARM MACHINERY, DAIRY EQUIPMENT, HAY, SILAGE, GROWING GRAIN CROPS

WEDNESDAY, MAY 27, 1981
at 10:00 a.m.

LOCATION: On the farm located in the corner of Warner Rd. and Mathews Rd., 3 miles south of State Route 194 in Ladiesburg between Woodsboro and Keymar, Frederick County, MD.

NOTICE: Pursuant to notice in the matter of Donald L. Matthews and Harriette L. Matthews, Case #80-2-0367L in the United States Bankruptcy Court for the District of Maryland, Gerald Danoff, Trustee intend to offer for sale at public auction at the date, time, and place specified above to the highest bidder or bidders, as is, where is, the following described property.

FARM MACHINERY

6 FARM TRACTORS: IHC Model 1026 diesel tractor w/F.H. hydrostatic drive & enclosed cab, SN 007899; IHC Model 706 diesel Farmall F.H. tractor, SN 4584; IHC Model 656 Farmall F.H. diesel tractor w/hydrostatic drive, SN 33730; IHC Model 454 Utility type 3 pt. gas tractor, SN 415809; IHC Model 127 Cub Cadet gas hydrostatic lawn tractor, SN 354436; N.H. Model L 445 gas skid loader w/manure fork & bucket, SN 415809;

GROUND TOOLS: IHC Model 700 semi-mounted F.H. 5x16 auto. reset plows; IHC Vitro shank F.H. cultivator, SN 1111; IHC 4 row F.H. corn cultivator; MILLER HEAVY DUTY DISC HARROW, SN 4070; Brillion roller harrow; IHC F.H. sub-soiler; Danuser 3 pt. post hole digger, SN 017176;

PLANTING & HARVESTING MACHINES: IHC Model 225 SP gas haybine, SN 61215; IHC Model 10 16 x 7 grain drill; N.H. MODEL 850 ROUND BALER, SN 372102; 3 pt. round bale carrier; front mount round bale carrier; N.H. Model 270 baler w/kicker, SN 91979; N.H. Model 256 hay rake, SN 17967A; N.H. Model 27 PTO silage blower, SN 140019; N.H Model 28 PTO silage blower, SN 8795; N.H. Model 890 silage harvester base unit, SN 203882; N.H. Model 880N3 3 row corn head, SN 309351; N.H. Model 880R2 2 row corn head, SN 161841; N.H. Model 880W pick-up head, SN 133249; (2) N.H. flail manure spreaders; HESSTON MODEL 1400 LIQUID MANURE TANK SPREADER; IHC Model 2000 manure loader; (4) Badger 2 & 3 beater silage wagons, SN 7040, 5008, 30454, 1906; Ferguson Model 31 3 pt. mower, SN 002636; 3 pt. PTO liquid manure pit agitator; Grove hay wagon; Long 3 pt. 5 ft. rotary mower; Model 720 3 pt. cement mixer, SN 073; Century 300 gal. field sprayer;

MISCELLANEOUS TOOLS: Ritchie cattle waterer; (6) portable calf stalls; iron hay rack; 275 gal. tank; shop vacuum; (5) antique oil cans; bench grinder; log chains; tractor chains; power weed eater; tractor grass seeder; IHC front tractor weights; 1967 IHC 2 ton truck (rough); misc. hand tools;

1978 CHEV. 4 x 4 PICKUP TRUCK, 31,000 MI., SN CKL248F311199 (NOT INSPECTED)

DAIRY EQUIPMENT

Mueller S/S 1500 gal. round milk tank, SN 40368, with Dunham-Bush 5 ton compressor, SN 72D-1102-5, and auto. washer; (6) DeLaval Model 200 milker units with 85 lb. weight jar, S/S wash tank, auto. washers, feed boxes and meters; DeLaval #76 vacuum milker pump & motor; Bou-Matic vacuum milker pump & motor; Wood Bros. air compressor; Therm-Stor 170 gal. elec. water heater, SN 11034; Big Dutchman feed storage tank & auger; 60 ft. Badger auger feeder.

SILAGE, HAY, GROWING GRAIN

Approx. 3,000 bales of hay; approx. 100 round bales of hay; 18'x50' silo w/approx. 36 ft. of silage; 20' x 60' silo w/approx. 56 ft. of silage; 30 - 35 acres of growing small grain.

SALE ORDER: Small tools, planting & harvesting equipment, tractors, ground tools, feed, grain, dairy equipment.

TERMS: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashiers Check, Travelers Checks, or Money Order. Personal or company checks will be accepted when accompanied by Valid Bank Letter of Guaranteed Payment. Trustee reserves the right to withdraw any of the items listed above at any time up to and including sale day.

EVERYTHING SELLS TO THE HIGHEST BIDDER REGARDLESS OF PRICE
AS-IS, WHERE-IS

Trustee
GERALD DANOFF

Trout Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663-1555

PUBLIC SALE

From I81 Take Route 11 at Inwood, W. Va. Turn East on Route 51 - Travel 3 miles to Roeder's Market (formerly Haines'). Turn right - .2 of a mile to sale - OR - From Charles Town, W. Va., Take Route 51 West - Go approximately 8 miles to Roeder's - Turn left - .2 of a mile to sale.

MONDAY, MAY 25
10:00 a.m.

APPROXIMATLEY 20 - 25 TRACTORS - Including Cubs, Fords, John Deere, Internationals, Fergusons, and many other makes. ALSO - We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, post hole digger, discs, wood saw, rakes, baler, grain elevator, corn pickers and many other farm related implements.

We will also be offering a good selection of NEW AND USED TOOLS - Including carpenter tools, hand and electric tools, drill presses, socket sets of various sizes, plumbers tools, and other tools. These tools will be offered starting at 10:00 Sharp.

We will also be offering some household articles and some antiques.

TERMS: CASH. NOTHING TO BE REMOVED UNTIL SETTLED FOR.

EDGAR A. BOHRER, SALE MGR.
304-229-8354
Auctioneers: Jones, Miller and Bohrer
Clerks: Bohrer & Bohrer

NOTE: THIS IS A CONSIGNMENT SALE. If you have surplus farm items, tools, household articles, let us turn them into CASH. If you are considering having an auction, please contact us. We would appreciate your consideration.

NOT RESPONSIBLE FOR
ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

TUES JUNE 9 - 4 30 P M Public Sale of Antique Cars, Parts, Located 5 miles south of Allentown, 2 miles east of Shimerville along blacktop Rd to Vera Cruz, Lehigh Co. PA Leslie Nonnemacher Owner Ralph W Zettlemoyer Auction Co , Inc

FRI JUNE 12 - 5 30 P.M. Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. JUNE 13 - Public Sale of Kitchen-Cafeteria Equipment, Desks, Chairs, School Busses and Surplus Items. Located at the Exeter Twp Bus Garage along shellbourne Rd , ¼ mile south off Rt 562, (at Jacksonwald), or 2 miles north off Rt. 422, just east of Reading Country Club, Exeter Twp Berks Co , PA Sale by Exeter Twp School District, Frey Auctioneers

SAT JUNE 13 - 10 A M Annual Registered Heifer Sale at New Holland Sales Stables, Inc , New Holland, Pa

SAT JUNE 13 - 9 00 A M Public Sale of Real Estate, Antiques and Household Goods Located at 421 North George St , borough of Millersville, Millersville, PA Verna Newcomer Estate Howard Shaub and Roy C Probst Auctioneers

MON JUNE 15, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED JUNE 17 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co., Pa Watch for sale signs F Snyder, R. Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED JUNE 17 - 5 00 P M Public Sale of Antiques, Collectibles, Household Goods, Misc Tools and Garage Items Located at 1114 Shamokin St , Trevorton, PA. Ruth Sigafoos Owner Dockey & Dockey Auctioneers

THURS JUNE 18 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd., Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JUNE 19 - 5 30 P.M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 19 - 6 30 P.M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

FRI JUNE 19 - 1 P M Brooks End And Par-Kay Farm Sixtieth Annual Summer Sale At the Farm, Beavertown, Pa Owners Reno & Park Thomas & Mark Stehr Auctioneer Mike Jones, LaGrange, GA

SAT JUNE 20 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JUNE 20 - Real Estate Sale near Mifflintown, PA For information contact First Nat Bank, Trust Dept. Mifflintown, PA 717-436-2144

SAT JUNE 20 - 10 00 A M Public Sale of Real Estate, Antiques, Collectibles and Household Items Located ½ mile off Rt 225, 1½ mile west of the village of Urban, PA. Goldie Wilkin Owner. Dockey & Dockey Auctioneers

SAT. JUNE 20 - 9 30 A.M. Public Sale of Farm Equipment, Household Goods, Electric Supplies Located 179 E Church St , Reamstown, Pa Charles L. Gehr Owner Nevin Z Martin and Lewis B Groff Auctioneers

MON JUNE 22, - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JUNE 26 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 27 - 11 A.M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

JUNIATA CO. GUARDIAN SALE
OF REAL ESTATE AND ANTIQUES
SATURDAY, JUNE 20, 1981

Near Mifflintown.

TRACT 2 - 33 ac., dwelling, barn, stream, great potential for subdivision.

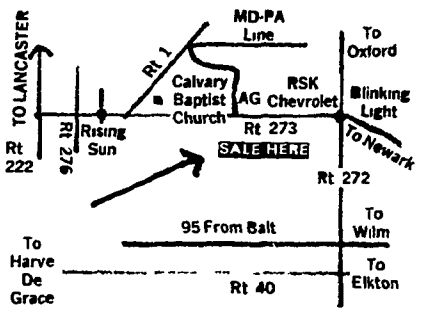
LOTS 1 & 2 - 5 ac. & 2 ac., sewage tested.

TRACT 3 - 29 ac., 20 tillable, dwelling, barn, stream.

ALSO Selling Early American, "untouched" antique furniture & collector's items.

For Info, contact:
TRUST DEPT
First Nat. Bank
Mifflintown, Pa 17059
Ph 717-436-2144

ANNUAL SUMMER AUCTION



OF USED & NEW FARM EQUIPMENT & LAWN & GARDEN EQUIPMENT

THURSDAY, JUNE 4, 10:00 A.M.

TRACTORS
I.H. 300 G
I.H. 400G
AC 190D SOLD
AC 5040 w/Loader
MF 165D
JD 1010 Crawler/Loader
AC 5040 40HP NEW
FORD 8N w/Loader
FORD 861 G
AC 715 Backhoe

BALERS
NH 320 w/thrower
NH 273 w/thrower
NH 282 w/thrower
NH 269 wo/thrower
NH 268 w/thrower
NH 270 w/thrower
NH 1012 Bale Wagon

FORAGE HARVESTERS
NH 1880D SP Hydro w/NEW Cat Eng.
JD 3800 2RW & WPU
NH 892 w/Metal Detector (NEW)

MISCELLANEOUS
NH Trencher T330
(2) NI Forage Wagon
NH Unload Wagon
(2) 3 PT Blades
(2) H&H Bale Wagon w/18 ft. Pipe (NEW)
BADGER 16' Tandem Forage Wagon
Eager Beaver 6 ton trailer

SKID STEER LOADERS
NH G L-775
NH G L-425
CASE 1530B

HAYBINES & MOWER COND.
NH 1469 Ford Eng
NH 1495 12 ft. S.P.
NH 495 12 ft. P.T.
NH 479 9 ft. P.T.
JD 15A Flail Chopper
MC 9 ft. Rotary Scythe
NH 488 Haybine (NEW)
NH 489 Haybine (NEW)
NI 279 9 ft Cutditioner

MOWERS
C114 Woods (NEW)
208 Woods (NEW)
C80 Woods (NEW)
NH 450 Mower
Bush Hog
Woods Bat Swing

MANURE SPREADERS
NH 365 Tank
NH 368 Tank
NH 362 Tank
NH 213 Box (NEW)
NH 519 Box (NEW)
NH 679 Box (NEW)
NH 368 Tank (NEW)
NI 213 (NEW)
NI 214 (NEW)
NI 243 (NEW)
NI 224

RAKES
NI Wheel
Vicon Wheel
(2) NH 256 (NEW)
PEQUEA Tedders 8 & 12 FT NEW
BRILLION 6 FT

CORN PLANTERS
FORD 2R 3 Point
JD 4R NO TIL
JD 4R Conv.
IH 4R 400 Cyclo
WHITE 6R No Til Air
AC No Til

TILLAGE
10 ft JD Disc Transport
BRILLION Transp Harrow

COMBINES
NH 995D w/cab
AC GKS D w/cab
MF 410G w/cab

GRINDER MIXERS
JD 750
GEHL 95
NH 353 NEW

LAWN & GARDEN
AC 616
IH 71
SIMPLICITY 4141
KUBOTA B6000 Diesel w/Mower

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

AUCTION BY
AG-INDUSTRIAL EQUIPMENT CO., INC.
1207 Telegraph Rd (Route 273)
Rising Sun MD
301 658 5568 301 398 6132 215 869 3542
AUCTIONEER BLAINE RENTZEL FOOD AVAILABLE

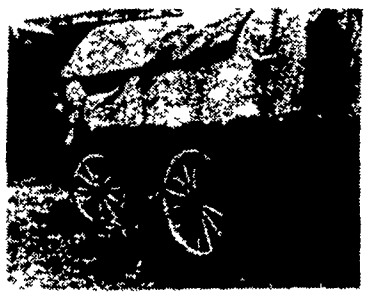
FORKLIFT & DOCK AVAILABLE FOR LOADING. SALE ITEMS MUST BE MOVED WITHIN 15 DAYS FROM DATE OF SALE

PUBLIC AUCTION

BLACKSMITH TOOLS, ANTIQUES, WAGONS, 2 SEAT SURREY WITH FRINGE ON TOP IN EXCELLENT CONDITION SIGNED MIFFLINBURG, PA 2 CONESTOGA COVERED WAGONS, DOCTOR'S BUGGY — APPROX. 14 OTHER TYPES OF WAGONS

SATURDAY, MAY 30, 1981
At 9 A.M. SHARP!

Located from Lancaster take Rt. 272 to Rt. 222 to Rt. 1, turn north 5 miles to Red Pump Rd. to Fremont Rd. or from Oxford take Rt. 1 south to MD line go 2 miles turn north on Red Pump Rd. Watch for sale signs.



4 Freight Wagons by Acme Wagon Co. and Eascheetz Co.; 1 Lumber Wagon; 1 Buck Board by M.E. Kutz; 1 Hay Wagon; 1 Weber Wagon; 5 Running Gears; Railroad Wagon. All Wagons in Good Condition. Wagon Wheels & Irons; Stage Coach Axles & Wheels; Buggy & Wagon Spokes; Wooden Hub; Buggy Wrenches; New & Used Canvas.

11 Anvils; Approx. 90 Pair Tongs; Many New & Used Horse Shoes; Shoe & Tong Racks; Parker 6" Heavy Duty Bench Vise; 3 Bench Vises; Bench Shears; Pipe Vises; Complete Cannon Forge; 5 Other Forges; 4 Tuyere Irons; Hardie Tools; 10 Forge Elec. Blowers, Champion; Blacksmith Helpers; Cutters; Punches; Shoeing Rasps; All Kinds of Shoeing Tools; Shoeing Box; Boring Machine; Hole Punch; Hand Grinders; ⅓ & ½ H.P. Elec. Grinders; Grinding Stone; Post Drill; Brass Torches; Braces; Acetylene Oxygen Gages & Torch; Micrometer; Slick; C Clamps; Calipers; Files; ¼ & ½" Drills; Barrel Stove; 4½ Ft. Brass Strap Hinges; Wrenches of all Description; Pile of Scrap Iron; Drive Way Chain, Hand Made; Brass Ford Tire Pump; Wooden Planes.

Rogers Silverware; 6 & 12 Gal. Crocks; Lard Press; Trunk; Lanterns; Wooden Clothes Tree; Shovels; Rakes; Wheel Barrel & Wooden Wheels; Home Made Hay Rake & Scythe; Rolls Of Woven Wire; Lumber; Plastic Pipe; Doors; Ropes; Stove Pipe; Cross Cut Saw; Buck Saw; Log Chains; 2 Chain Hoists; Elec. Motors; Sheets of Brass & Copper; Shoe Lathe; Axe Handles; Hatches; Broad Axe; Picks; Bolts; Nuts; Jack Hammer Bits; Tools of All Description; Single & Double Trees; Horse Collars; Harness & Hems.

Many More Items Too Numerous To Mention. Not Responsible For Accidents Day Of Sale. No Out Of State Checks Accepted. Unless You Show An Established Line Of Credit Such As A Bank Letter.

AUCTIONEERS NOTE: The Surrey and Wagons Will Be Sold At 2 P.M. Sale Starts At 9 A.M. Sharp. Come Early, There's A Lot Of Good Items To Be Sold. This Is The Largest Blacksmith Shop Sale In The East. Refreshments Available,

TERMS BY:
HELEN SWACK
FOR THE ESTATE OF JOHN A SWACK, DEC'D. (BLACKSMITH)

KREIDER & KLINE AUCTIONEERS
Phone (717) 786-3394

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT JUNE 27 - 9 00 A M Public Sale of Tinsmith Tools, Equipment, Tinware and Large Antique Collection Located along Rt 322, 1 mile east of Intersection with Rt 23, Blue Ball, Lancaster Co, PA Sale for Maynard M Windle H H Leid Auction Service

MON JUNE 29, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JULY

THURS. JULY 2 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JULY 4 - 10 00 A M. Public Sale of Real Estate, Household Goods, Antiques, Tools, Tractors, Car, Etc Located 4½ miles W of Berwick, PA, 1½ miles off Rt 93 along Yost Hollow Estate of Willis H Hess Max Fraley & Son Auctioneers

MON JULY 6 - 2 P.M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

SAT JULY 11 - 10 A M Benefit Sale for Haneyville Fire Co Located at the Haneyville Fire House North of Lock Haven, Pa along Rt. 664 Auctioneers Ira Stoltzfus & Son & Jay Leary

THURS JULY 16 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 17 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JULY 17 6 30 P M Consignment Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 18 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 25 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 25 - 1st Annual Benefit Auction by the Hinkletown Mennonite School Quality donated items Located just off Rt 322 along Wanner Road Leon Z Martin, Manager

MON JULY 27 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

FRI JULY 31 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

AUGUST

SAT. AUG 1 - 1 00 P M Reg. and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

MON AUGUST 3 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

PUBLIC SALE

Val. Farm Machinery, 3 Tractors, Some Antiques & Collector's Items, Etc.

at Bunces Corn Stand, 415 N. Loyalsock Ave. Montoursville, Pa. (Lyc. Co.) 3/4 mile S. of US Rt. 220 beltway.

Mon. Mem. Day, May 25

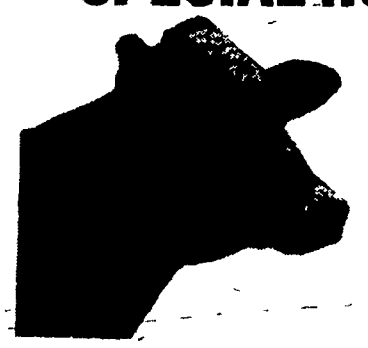
· 1:30 PM.

IH 504 G Row Crop Tractor w/TA, 3 pth., 38" rubber, only 236 original hrs. w/IH 2001 hyd. front loader, a real clean outfit, offered 3 ways; JD 50 G. RC Tractor w/3 pth., live hyd. & PTO, Nice; Farmall Cub tractor, fully weighted, PTO, 1 row cultivator, 5' sickle mower, real nice; Attachment to fit Cub; IH 2 way 12" plows; IH 4½' front blade; Messinger 5 row duster; pto pully; etc. JD 3-14" 3 pt. plows; 9' disc; harrow; 125 gal. FG 22' sprayer; Zon LP Gas Scarecrow thunder gun; other items; National Brass Cash Register; Toledo computing scales; etc.

Owners
CLYDE & BEVERLY BUNCE

Auct.
Max Fraley & Son
546-6631

SPECIAL HOLSTEIN SALE



REGISTERED & GRADE HEIFERS
Fresh Yearlings Breeding Age

FRIDAY, MAY 29
8 P.M. D.S.T.

To be held at Smoketown Quality Dairy Sales Co., Route 340, Smoketown, Pa. 5 miles East of Lancaster and 5 miles West of Intercourse.

One load of fancy fresh heifers. One load of cows out of New England states. Cows milking 50 to 70 lbs. of milk.

SPECIAL MENTION:
Reg. - ROUND OAK RAG APPLE ELEVATION, 2 y. 6 m. 32ID. 17,180m. 3.8T. 650F. Just fresh with 2nd calf - Grandam scored 88 pts. milked over 20,000m.
Reg. - Glenn Urquhart JADA RUSS - vacc.
Reg. MASKA SKIPPER SEVEN-UP Bred to Brockview Jimmy.

Also selling - 52 HEIFERS - Yearlings to Breeding Age - Eleven heifers out of Chester Co.

Home raised. Yearlings to Breeding Age - T.B. & Blood tested within 30 Days.

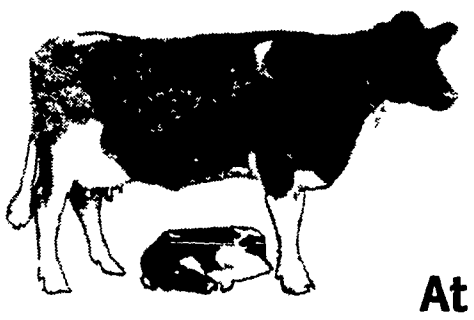
Forty Heifers - out of Schuylkill Co. Yearlings to Breeding Age. Some are vacc. 1 Brown Swiss - 1 Red & White Holstein. No horns. T.B. & Blood tested within 30 days.

Two Registered Holstein bulls, both ready for service.

1-Harrisburg Gay Ideal, Dam VG 88, 3 yrs. 282 dys., 14,830M, 3.7T 548F; 4 yrs. 354 dys. 18,750M, 4.0T 756F; 5 yrs. 305 dys. 19,070M 3.6T 685F.
2-Beecher I & E Electric, Dam VG 85 2 yrs. 315 dys. 12,290M 3.7T 460F; 4 yrs. 284 dys. 15,338M 3.7T 562F.

Sale by,
GORDON W. FRITZ
717-393-0930

Cows milked at regular time.
Cash or good check night of sale.
Bank reference & Identification required on all out of state buyers.
Carl Diller, Auctioneer
Henry Kettering, Pedigrees
Lunch Bird-in-Hand Auxiliary



HEIFERS - HEIFERS - HEIFERS

FRIDAY, MAY 29

10:30 AM DST

At Shady Lane Dairy Sales, Inc., ¼ mile West of Quarryville off Oak Bottom Rd., 15 miles South of Lancaster.

THIS SALE CONSISTS OF 350 HEAD, SOME OF THE BEST HEIFERS WE COULD FIND — REGISTERED & HIGH GRADE

A Sample Of What Is Selling:

57 head from 1 herd, vaccinated. Herd average over 16,000
17 head from 1 herd, 6 due July, balance bred for fall
25 head from 1 herd, real fancy, mostly due this summer
18 head from 1 herd, all due this summer and fall. All registered and high grade, a top group, many with records.
17 registered & high grade, 7 springing, balance open, ready to breed. Some dams over 20,000M
8 fancy heifers, 3 springing, balance open.
51 head from 1 herd, 6 fresh, balance ready to breed
8 head from top herd, due July - August, DHIA, over 20,000
5 head due July - August from top DHIA herd.
5 big fancy heifers, 18-20 mo., open
42 all ages from 1 herd. The kind that will really do good

Plus 100 head of all size heifers. Approx. 6 good stock bulls. These are good clean farm fresh heifers, all right from the farms.

FARMERS & DEALERS.....make plans to attend this sale.
It will pay you. 30 day blood & TB tested to go anywhere.
Trucking available to go anywhere.

SHADY LANE DAIRY SALES, INC.
QUARRYVILLE, PA.

Glenn D. Fite
717-786-2750

David L. Fite
717-786-1725

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
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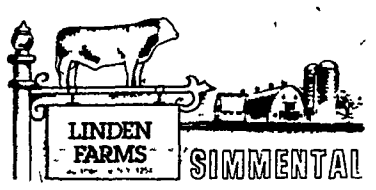
ATTENTION FARMERS & DAIRYMEN

4-D Cattle Service. We use down, disabled, crippled cows or cows with calving problems.
Slaughtered under federal inspection
Prompt payment & prompt service
Call anytime
717-272-6848
ask for Barbara

LINDEN FARM
PRESENTS
ULTIMATE I
MAY 23, 1981
At 11:00 A.M.
SELLING:
60 lots of outstanding (Cows) Simmental Female (Breds, Pairs & Open Heifers).

For Catalogs Call or Write
Linden Farms
LaGrangeville, N.Y. 12540



Kenneth Creese, Herdsman
Tele. 914-223-5904

KARL EHMER, OWNER
914-223-3586
Farm #914-223-3032

CATTLE FOR SALE AT ALL TIMES

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M. Lehman, owner

SAT AUG 15 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 - Little Kutztown Fire Co Consignment Sale 2 miles north of Myerstown, Lebanon Co Local Auctioneers

MON AUGUST 17 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 20 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI AUG 21 - 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Sel ingrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

MON AUGUST 24 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers.

MON. AUGUST 31 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SEPTEMBER

THURS. SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 14 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner

THURS SEPT 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctroneer.

SAT SEPT 19 - 6.30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 21 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

OCTOBER

THURS OCT 1 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601. Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON OCT. 5 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT. OCT 17 - 6.30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 19 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

NOVEMBER

MON NOV 2 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer.

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS NOV 19 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV. 23 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 30 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

DECEMBER

FRI DEC 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer.

MON. DEC 7 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC. 14 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOTICE

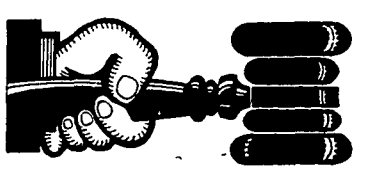
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M. Tuesday of each week's publication.

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md. 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer.

SAT. DEC 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M Lehman, owner



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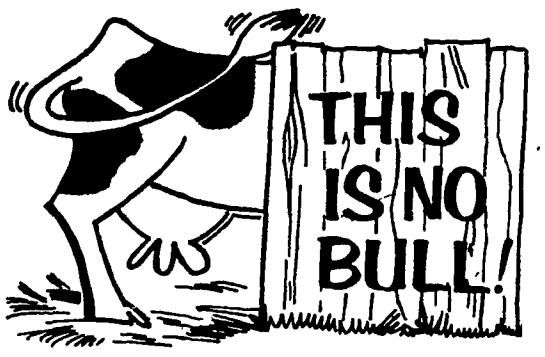
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

SPECIAL NOTICE



3 P.B. Herds w/Records
Several have made 18,000-25,000 lb. records per cow. Selected from Maine, New Hampshire & Bucks Co., Pa. 1 Fancy P.B. Herd from Maine. 1 Top Producing Grade Herd. Avg. 72 lb. per cow. Our prime consideration when selecting herd is production, type & pedigree.
Also several second and third calf fresh cows and springers.
Lots of big fancy first calf heifers.
Stop by our farm & you'll see what we mean.

MEL KOLB, INC.

Lancaster Farm
2220 Dairy Road
Lancaster, Pa.
717-569-2106 or
569-6800
Dennis Kolb, Mgr.

Maryland Farm
11342 Woodsboro-Cragerstown Rd
Woodsboro, Md
301-898-7720 or
898-7663
Tom Miller, Mgr.

MONTHLY COW SALE AT LANCASTER
1ST THURSDAY, JUNE 4
AT 7:30 P.M.

MONTHLY COW SALE AT MARYLAND
3RD THURSDAY, JUNE 18
AT 7:30 P.M.

HOLSTEIN HEIFER & STEER AUCTION
FRIDAY EVENING, MAY 29, 1981
6:30 P.M.
Located at R.D. #1, Blairs Mills, Huntingdon County; from rt. 75, turn off 1 mile south of Waterloo, 5 miles North of Doylesburg, turn left on Mountain Foot Spur Rd., 1st farm.

33 FANCY HOLSTEIN HEIFERS
2 REGISTERED

1 Sired by Triple Threat, bred to Gemini out of a 17,000 lb. dam; 1 sired by Paclamar Astro Top Command. Balance sired by A.I. Bulls.
4 Short-bred; Balance open; from yearlings to 20 mo. old - well-grown!
5 Holstein Heifers - 6 mo. old.
"Ideal for Embryo Transplant Work!"
1 RED & WHITE Service Age Bull.
REGISTERED BULL - 16 mo. old Sired by Ropies Chief Buff.
BRANGUS BULL - 2 Yrs. old.
3 HOLSTEIN STEERS - 900 to 1000 lb. (Dry fed all winter).
1 Angus Heifer.
Also selling: 385 Gal. self-contained Esco Bulk Tank.
"Health Charts on all Breeding Stock"

RONALD L. MOORE, Owner
Blairs Mills, Pa.
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Sale By: Kling's Auction Service
Landisburg, Pa.
Lunch stand.

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AUCTIONEER
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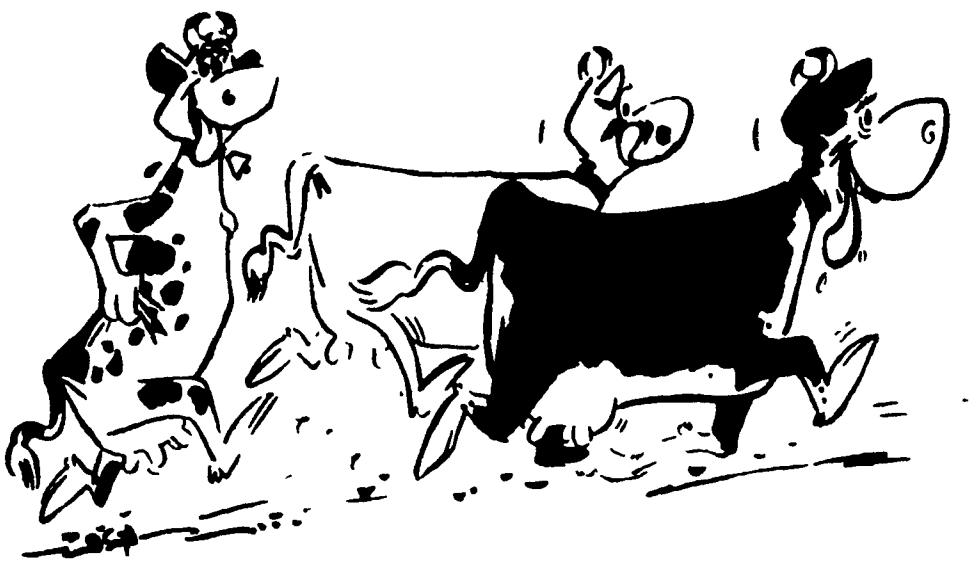
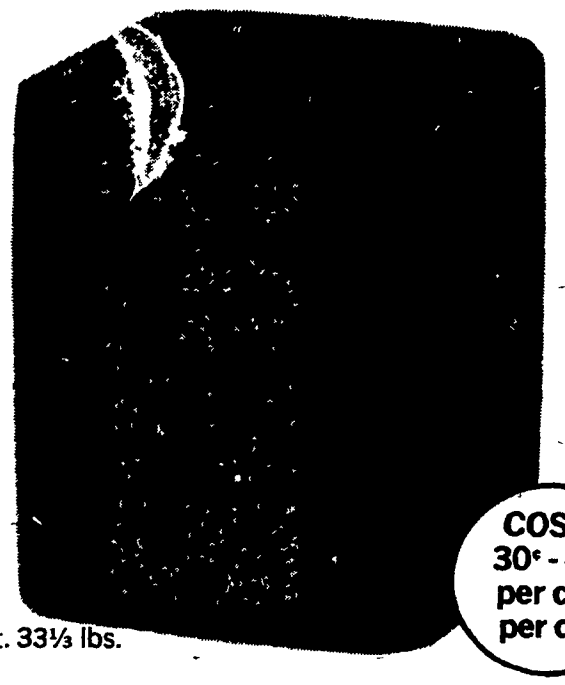
BEAT THE HIGH GRAIN PRICES WITH THE "EASY DOES IT" FEEDING PROGRAM FOR DRY COWS AND GROWING HEIFERS





Wgt. 33⅓ lbs.

COST - 30¢ - 40¢ per cow per day

NEW FRESH START D&H CHOW BLOCK

CONTAINS

- ✓ PROTEIN
- ✓ ENERGY
- ✓ VITAMINS
- ✓ MINERALS
- ✓ TRACE MINERALS
- ✓ SALT

ALL YOU ADD IS

- ROUGHAGE
- WATER SUPPLY

ADVANTAGES FOR DAIRYMEN

- EASY TO USE
- ECONOMICAL TO USE
- ASSURES CORRECT NUTRITION
- CONTAINS INTAKE REGULATORS

ONLY 3 REQUIREMENTS

1.) ADEQUATE SUPPLY OF ROUGHAGE
HAY - PASTURE - SILAGE

2.) ADEQUATE SUPPLY OF CLEAN, FRESH WATER

3.) USE 1 D & H BLOCK FOR EVERY 4 ANIMALS

SAVES $ $ $ $

- NO EXTRA PROTEIN REQUIRED
- NO EXTRA VITAMINS REQUIRED
- CUTS DOWN ON TIME REQUIRED TO FEED ANIMALS
- NO EXTRA EQUIPMENT
  - NO BULK BIN
  - NO LICK TANK
  - NO MIX WAGON
- NO STORAGE LOSS DUE TO MOLDY FEED

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GORDONVILLE PA 17529

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23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717 867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354-4616 717 738-1088
RD3 EPHRATA, PA 17522

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2 NEW CHARLOTTE ST., MANHEIM PA 17545

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WEST WILLOW, PA 17583

LANDIS SUPPLY
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MANHEIM PA 17545

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BERRYSBURG PA 17005

Anthony's Feed Mill
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STRAUSSTOWN PA 19559

FAWN MILLS
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FAWN GROVE PA 17321
PHONE 717-637 1123
HANOVER PA 17331